



show active-charging

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show activecharginganalyzer statistics name

The output of this command displays the following fields. The fields are common for http, secure-http, p2p, tcp, udp.

Table 1: show active-charging analyzer statistics name Command Output Descriptions

| Field | Description |
|---------------------------------|--|
| Total VPP FP Packets | Total number of Fast Path packets through VPP. |
| VPP Fastpath Statistics: | |

| Field | Description |
|----------------------|--|
| Total Flows | Total number of flows. |
| Current Active Flows | Total number of active current flows. |
| IPv4: | |
| Uplink Pkts | Total number of IPv4 packets uplinked. |
| Uplink Bytes | Total number of IPv4 bytes uplinked. |
| Downlink Pkts | Total number of IPv4 packets downlinked. |
| Downlink Bytes | Total number of IPv4 bytes downlinked. |
| IPv6: | |
| Uplink Pkts | Total number of IPv6 packets uplinked. |
| Uplink Bytes | Total number of IPv6 bytes uplinked. |
| Downlink Pkts | Total number of IPv6 packets downlinked. |
| Downlink Bytes | Total number of IPv6 bytes downlinked. |

show active-charging analyzer statistics name cdp

Table 2: show active-charging analyzer statistics name cdp Command Output Descriptions

| Field | Description |
|----------------------|-------------------------------------|
| CDP Summary: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |

show active-charging analyzer statistics name dns

Table 3: show active-charging analyzer statistics name dns Command Output Descriptions

| Field | Description |
|-------------------------------|-------------|
| ACS DNS Session Stats: | |

| Field | Description |
|----------------------|---|
| Total Uplink Bytes | The total number of DNS bytes detected in uplink direction. |
| Total Downlink Bytes | The total number of DNS bytes detected in downlink direction. |
| Total Uplink Pkts | The total number of DNS packets detected in uplink direction. |
| Total Downlink Pkts | The total number of DNS packets detected in downlink direction. |
| Unknown OPCODE | The total number of DNS packets with an unknown operational code. |
| Invalid Pkts | The total number of invalid DNS packets detected. |
| DNS Over TCP: | |
| Uplink Bytes | The total number of DNS uplink bytes that were detected over TCP. |
| Downlink Bytes | The total number of DNS downlink bytes that were detected over TCP. |
| Uplink Pkts | The total number of DNS uplink packets that were detected over TCP. |
| Downlink Pkts | The total number of DNS downlink packets that were detected over TCP. |
| Request: | |
| A Query Type | The total number of DNS requests received for A query types. |
| CNAME Query Type | The total number of DNS requests received for CNAME query types. |
| NS Query Type | The total number of DNS requests received for NS query types. |
| PTR Query Type | The total number of DNS requests received for PTR query types. |
| SRV Query Type | The total number of DNS requests received for SRV query types. |
| Unknown Query Type | The total number of DNS requests received for unknown query types. |
| AAAA Query Type | The total number of DNS requests received for AAAA query types. |
| NULL Query Type | The total number of DNS requests received for NULL query types. |
| TXT Query Type | The total number of DNS requests received for TXT query types. |
| Response: | |
| A Query Type | The total number of DNS responses received for A query types. |

| Field | Description |
|--------------------|---|
| CNAME Query Type | The total number of DNS responses received for CNAME query types. |
| NS Query Type | The total number of DNS responses received for NS query types. |
| PTR Query Type | The total number of DNS responses received for PTR query types. |
| SRV Query Type | The total number of DNS responses received for SRV query types. |
| Unknown Query Type | The total number of DNS responses received for unknown query types. |
| AAAA Query Type | The total number of DNS responses received for AAAA query types. |
| NULL Query Type | The total number of DNS requests received for NULL query types. |
| TXT Query Type | The total number of DNS requests received for TXT query types. |

show active-charging analyzer statistics name h323

Table 4: show active-charging analyzer statistics name h323 Command Output Descriptions

| Field | Description |
|----------------------------|-------------------------------------|
| H323 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Packets | Total number of packets uplinked. |
| Total Downlink Packets | Total number of packets downlinked. |
| Total H323 calls | Total number of H323 calls. |
| Total RAS messages | Total number of RAS messages. |
| Total Q931 messages | Total number of Q931 messages. |
| Total H245 messages | Total number of H245 messages. |

show active-charging analyzer statistics name h323 verbose

Table 5: show active-charging analyzer statistics name h323 verbose Command Output Descriptions

| Field | Description |
|----------------------------|---|
| H323 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Packets | Total number of packets uplinked. |
| Total Downlink Packets | Total number of packets downlinked. |
| Total H323 calls | Total number of H323 calls. |
| Total RAS messages | Total number of RAS messages. |
| Total Q931 messages | Total number of Q931 messages. |
| Total H245 messages | Total number of H245 messages. |
| RAS messages | |
| Uplink | Total number of uplink packets sent from the subscriber for RAS messages. |
| Downlink | Total number of downlink packets sent from the subscriber for RAS messages. |
| GatekeeperRequest | The message sent from the H323 endpoint to find a Gatekeeper. |
| GatekeeperConfirm | The message sent from the Gatekeeper to H323 endpoint which requested for service. |
| GatekeeperReject | The message sent from the Gatekeeper to H323 endpoint indicating that it must try a different Gatekeeper. |
| RegistrationRequest | The message sent from the H323 endpoint to register to a particular Gatekeeper. |
| RegistrationConfirm | The message sent from the Gatekeeper to H323 endpoint indicating that it has been registered. |
| RegistrationReject | The message sent from the Gatekeeper to H323 endpoint indicating that the registration failed. |
| UnregistrationRequest | The message sent from the H323 endpoint to unregister from a particular Gatekeeper. |
| UnregistrationConfirm | The message sent from the Gatekeeper to H323 endpoint indicating that it has been unregistered. |

| Field | Description |
|----------------------|---|
| UnregistrationReject | The message sent from the Gatekeeper to H323 endpoint indicating that unregistration failed. |
| AdmissionRequest | The message sent from the H323 endpoint to a Gatekeeper before accepting or initiating a call. |
| AdmissionConfirm | The message sent from the Gatekeeper to H323 endpoint indicating that the call is allowed. |
| AdmissionReject | The message sent from the Gatekeeper to H323 endpoint indicating that the call is not allowed. |
| LocationRequest | The message sent to the Gatekeeper requesting the transport address of an endpoint. |
| LocationConfirm | The message sent from the Gatekeeper containing the transport address of an endpoint. |
| LocationReject | The message sent from the Gatekeeper indicating that the location request is rejected. |
| DisengageRequest | The message sent from an H323 endpoint to Gatekeeper indicating that the call is getting dropped. |
| DisengageConfirm | The message confirming the DisengageRequest message from the Gatekeeper. |
| DisengageReject | The message sent from the Gatekeeper if an endpoint is not registered. |
| InfoRequest | The message sent from the Gatekeeper to endpoint requesting the status information. |
| InfoRequestResponse | The message sent from the H323 endpoint to Gatekeeper containing the status information. |
| RequestInProgress | The message sent by the Gatekeeper or endpoint to indicate to RAS that it cannot respond in normal processing time. |
| Unclassified | The RAS message that is not classified by the H323 ALG. |
| Q931 messages | |
| Uplink | Total number of uplink packets sent from the subscriber for Q931 messages. |
| Downlink | Total number of downlink packets sent from the subscriber for Q931 messages. |
| Alerting | The message sent by the called user to indicate that alerting has been initiated. |

| Field | Description |
|---------------------------|--|
| CallProceeding | The message sent by an H323 endpoint indicating that it has initiated to set up the call. |
| Setup | The message sent by the calling H323 endpoint to the called H323 endpoint. |
| Connect | The message sent by the called H323 endpoint to the calling H323 endpoint indicating the acceptance of call. |
| ReleaseComplete | The message sent by the called H323 endpoint indicating the release of the call. |
| Facility | The message used to redirect a call or start a new H245 channel. |
| Progress | The message used to indicate the progress of a call. |
| Information | The message sent by the called H323 endpoint to provide additional information for a call. |
| Unclassified | The Q931 message that is not classified by the H323 ALG. |
| H245 messages | |
| Uplink | Total number of uplink packets sent from the subscriber for H245 messages. |
| Downlink | Total number of downlink packets sent from the subscriber for H245 messages. |
| OpenLogicalChannel | The message sent by an H323 endpoint to open a logical connection between two endpoints. |
| OpenLogicalChannelAck | The message sent by an H323 endpoint to accept the connection request in an open logical channel. |
| OpenLogicalChannelReject | The message sent by an H323 endpoint to reject the connection request in an open logical channel. |
| OpenLogicalChannelConfirm | The message sent by an H323 endpoint indicating that the reverse channel is open. |
| RequestChannelClose | The message sent by an H323 endpoint to close an existing logical channel between two endpoints. |
| CloseLogicalChannel | The message sent by an H323 endpoint to close an existing logical channel between two endpoints. |
| CloseLogicalChannelAck | The message sent by an H323 endpoint to confirm the close of a logical channel. |
| EndSessionCommand | The message sent by an H323 endpoint to indicate end of H245 session. |

| Field | Description |
|--------------|--|
| Unclassified | The H245 message that is not classified by the H323 ALG. |

show active-charging analyzer statistics name http

Table 6: show active-charging analyzer statistics name http Command Output Descriptions

| Field | Description |
|--------------------------------|---|
| ACS HTTP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Total Accel Pkts | Total number of accelerated HTTP packets. |
| Uplink Bytes Retrans | The number of uplink bytes that were retransmitted. |
| Downlink Bytes Retrans | Total number of downlink bytes that were retransmitted. |
| Uplink Pkts Retrans | Total number of uplink packets that were retransmitted. |
| Downlink Pkts Retrans | Total number of downlink packets that were retransmitted. |
| Total Request Succeed | Total number of HTTP requests succeeded. |
| Total Request Failed | Total number of HTTP requests failed. |
| GET Requests | Total number of HTTP GET requests. |
| POST Requests | Total number of HTTP POST requests. |
| CONNECT Requests | Total number of HTTP CONNECT requests. |
| PUT requests | Total number of HTTP PUT requests. |
| HEAD requests | Total number of HTTP HEAD requests. |
| Websocket Flows | Total number of websocket flows. |
| Invalid packets | Total number of invalid packets. |
| Wrong FSM packets | Total number of incorrect FSM packets. |
| Unknown request method | Total number of unknown HTTP request methods. |
| Corrupt request packets | Total number of corrupt HTTP request packets. |

| Field | Description |
|---------------------------------------|---|
| Corrupt response packets | Total number of corrupt HTTP response packets. |
| Pipeline overflow requests | Total number of pipeline overflow requests. |
| Unhandled request packets | Total number of unhandled request packets. |
| Unhandled response packets | Total number of unhandled response packets. |
| New requests on closed connection | Total number of new requests on closed connections. |
| Memory allocation failures | Total number of memory allocation failures. |
| Accel Errors | Total number of accelerated errors. |
| Packets after permanent failure | Total number of packets after permanent failure. |
| Total Number of http Video Identified | Total number of HTTP videos identified. |
| Number of Flash Video Identified | Total number of Flash videos identified. |
| Number of Isom (MP4) Video Identified | Total number of Isom (MP4) videos identified. |
| Number of WMV Video Identified | Total number of WMV videos identified. |
| Number of MOOV Video Identified | Total number of MOOV videos identified. |
| Number of AVI Video Identified | Total number of AVI videos identified. |
| Number of HLS Video Identified | Total number of HLS videos identified. |
| Number of MSS Video Identified | Total number of MSS videos identified. |
| Number of MPEG TS Video Identified | Total number of MPEG TS videos identified. |
| Response Based TRM | |
| GET | Total number of HTTP GET methods that had response-based TRM applied. |
| POST | Total number of HTTP POST methods that had response-based TRM applied. |
| CONNECT | Total number of HTTP CONNECT methods that had response-based TRM applied. |
| PUT | Total number of HTTP PUT methods that had response-based TRM applied. |
| HEAD | Total number of HTTP HEAD methods that had response-based TRM applied. |
| OPTION | Total number of HTTP OPTION methods that had response-based TRM applied. |

| Field | Description |
|--------------------------------|--|
| DELETE | Total number of HTTP DELETE methods that had response-based TRM applied. |
| TRACE | Total number of HTTP TRACE methods that had response-based TRM applied. |
| Websocket | Total number of HTTP Websocket methods that had response-based TRM applied. |
| Response Based Charging | |
| GET | Total number of HTTP GET methods that had response-based charging applied. |
| POST | Total number of HTTP POST methods that had response-based charging applied. |
| CONNECT | Total number of HTTP CONNECT methods that had response-based charging applied. |
| PUT | Total number of HTTP PUT methods that had response-based charging applied. |
| HEAD | Total number of HTTP HEAD methods that had response-based charging applied. |
| OPTION | Total number of HTTP OPTION methods that had response-based charging applied. |
| DELETE | Total number of HTTP DELETE methods that had response-based charging applied. |
| TRACE | Total number of HTTP TRACE methods that had response-based charging applied. |
| Websocket | Total number of HTTP Websocket methods that had response-based charging applied. |

show active-charging analyzer statistics name icmpv6

Table 7: show active-charging analyzer statistics name icmpv6 Command Output Descriptions

| Field | Description |
|----------------------------------|-----------------------------------|
| ACS ICMPv6 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |

| Field | Description |
|---------------------------|--|
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Bytes Fragmented | Total number of uplink bytes that were fragmented. |
| Downlink Bytes Fragmented | Total number of downlink bytes that were fragmented. |
| Uplink Pkts Fragmented | Total number of uplink packets that were fragmented. |
| Downlink Pkts Fragmented | Total number of downlink packets that were fragmented. |
| Uplink Bytes Invalid | Total number of invalid uplink bytes. |
| Downlink Bytes Invalid | Total number of invalid downlink bytes. |
| Uplink Pkts Invalid | Total number of invalid uplink packets. |
| Downlink Pkts Invalid | Total number of invalid downlink packets. |

show active-charging analyzer statistics name ip verbose

Table 8: show active-charging analyzer statistics name ip verbose Command Output Descriptions

| Field | Description |
|-------------------------------|--|
| ACS IP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Bytes Fragmented | Total number of uplink bytes that were fragmented. |
| Downlink Bytes Fragmented | Total number of downlink bytes that were fragmented. |
| Uplink Pkts Fragmented | Total number of uplink packets that were fragmented. |
| Downlink Pkts Fragmented | Total number of downlink packets that were fragmented. |
| Uplink Bytes Invalid Length | Total number of uplink bytes of invalid length. |
| Downlink Bytes Invalid Length | Total number of downlink bytes of invalid length. |
| Uplink Pkts Invalid Length | Total number of uplink packets of invalid length. |
| Downlink Pkts Invalid Length | Total number of downlink packets of invalid length. |

| Field | Description |
|---|--|
| Uplink Bytes Invalid Length (After Reassembly) | Total number of uplink bytes of invalid length after reassembly. |
| Downlink Bytes Invalid Length (After Reassembly) | Total number of downlink bytes of invalid length after reassembly. |
| Uplink Pkts Invalid Length (After Reassembly) | Total number of uplink packets of invalid length after reassembly. |
| Downlink Pkts Invalid Length (After Reassembly) | Total number of downlink packets of invalid length after reassembly. |
| Uplink Bytes Invalid Version | Total number of uplink bytes of invalid version. |
| Downlink Bytes Invalid Version | Total number of downlink bytes of invalid version. |
| Uplink Pkts Invalid Version | Total number of uplink packets of invalid version. |
| Downlink Pkts Invalid Version | Total number of downlink packets of invalid version. |
| Uplink Bytes Invalid Checksum | Total number of bytes received in uplink direction with invalid checksum errors. |
| Downlink Bytes Invalid Checksum | Total number of bytes received in downlink direction with invalid checksum errors. |
| Uplink Pkts Invalid Checksum | Total number of packets received in uplink direction with invalid checksum errors. |
| Downlink Pkts Invalid Checksum | Total number of packets received in downlink direction with invalid checksum errors. |
| Uplink Bytes IP reassembly Timeout | Total number of bytes in uplink traffic dropped due to IP reassembly timeout. |
| Uplink Pkts IP reassembly Timeout | Total number of packets in uplink traffic dropped due to IP reassembly timeout. |
| Downlink Bytes IP reassembly Timeout | Total number of bytes in downlink traffic dropped due to IP reassembly timeout. |
| Downlink Pkts IP reassembly Timeout | Total number of packets in downlink traffic dropped due to IP reassembly timeout. |
| Uplink Bytes IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in uplinked bytes reassembly. |
| Uplink Pkts IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in uplinked packets reassembly. |
| Downlink Bytes IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in downlinked bytes reassembly. |
| Downlink Pkts IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in downlinked packets reassembly. |
| Uplink Bytes received after reassembly | Total number of uplink bytes received after reassembly. |

| Field | Description |
|--|---|
| Uplink Pkts received after reassembly | Total number of uplink packets received after reassembly. |
| Downlink Bytes received after reassembly | Total number of downlink bytes received after reassembly. |
| Downlink Pkts received after reassembly | Total number of downlink packets received after reassembly. |

show active-charging analyzer statistics name ipv6

Table 9: show active-charging analyzer statistics name ipv6 Command Output Descriptions

| Field | Description |
|--------------------------------|--|
| ACS IPv6 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Bytes Fragmented | Total number of uplink bytes that were fragmented. |
| Downlink Bytes Fragmented | Total number of downlink bytes that were fragmented. |
| Uplink Pkts Fragmented | Total number of uplink packets that were fragmented. |
| Downlink Pkts Fragmented | Total number of downlink packets that were fragmented. |
| Uplink Bytes Invalid | Total number of invalid uplink bytes. |
| Downlink Bytes Invalid | Total number of invalid downlink bytes. |
| Uplink Pkts Invalid | Total number of invalid uplink packets. |
| Downlink Pkts Invalid | Total number of invalid downlink packets. |

show active-charging analyzer statistics name ipv6 verbose

Table 10: show active-charging analyzer statistics name ipv6 verbose Command Output Descriptions

| Field | Description |
|--------------------------------|---------------------------------|
| ACS IPv6 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |

| Field | Description |
|---|---|
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Bytes Fragmented | Total number of uplink bytes that were fragmented. |
| Downlink Bytes Fragmented | Total number of downlink bytes that were fragmented. |
| Uplink Pkts Fragmented | Total number of uplink packets that were fragmented. |
| Downlink Pkts Fragmented | Total number of downlink packets that were fragmented. |
| Uplink Bytes Invalid Length | Total number of uplink bytes of invalid length. |
| Downlink Bytes Invalid Length | Total number of downlink bytes of invalid length. |
| Uplink Pkts Invalid Length | Total number of uplink packets of invalid length. |
| Downlink Pkts Invalid Length | Total number of downlink packets of invalid length. |
| Uplink Bytes Invalid Length (After Reassembly) | Total number of uplink bytes of invalid length after reassembly. |
| Downlink Bytes Invalid Length (After Reassembly) | Total number of downlink bytes of invalid length after reassembly. |
| Uplink Pkts Invalid Length (After Reassembly) | Total number of uplink packets of invalid length after reassembly. |
| Downlink Pkts Invalid Length (After Reassembly) | Total number of downlink packets of invalid length after reassembly. |
| Uplink Bytes IP reassembly Timeout | Total number of bytes in uplink traffic dropped due to IP reassembly timeout. |
| Uplink Pkts IP reassembly Timeout | Total number of packets in uplink traffic dropped due to IP reassembly timeout. |
| Downlink Bytes IP reassembly Timeout | Total number of bytes in downlink traffic dropped due to IP reassembly timeout. |
| Downlink Pkts IP reassembly Timeout | Total number of packets in downlink traffic dropped due to IP reassembly timeout. |
| Uplink Bytes IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in uplinked bytes reassembly. |
| Uplink Pkts IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in uplinked packets reassembly. |
| Downlink Bytes IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in downlinked bytes reassembly. |
| Downlink Pkts IP reassembly Max. Fragments reached | Total number of times Max fragments was reached in downlinked packets reassembly. |

show active-charging analyzer statistics name mipv6

Table 11: show active-charging analyzer statistics name mipv6 Command Output Descriptions

| Field | Description |
|---------------------------------|--|
| ACS MIPv6 Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total PBU Intercepted | Total number of Proxy Binding Update (PBU) messages intercepted. |
| Total PBU Modified | Total number of modified Proxy Binding Update (PBU) messages. |
| Total PBU Discarded | Total number of discarded Proxy Binding Update (PBU) messages. |

show active-charging analyzer statistics name p2p protocol-group

Table 12: show active-charging analyzer statistics name p2p protocol-group Command Output Descriptions

| Field | Description |
|---------------------------|---|
| ACS P2P Stats: | |
| Generic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Anonymous - access | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business | |

| Field | Description |
|---------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-news | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-----------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-gaming | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-videoconf | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-----------------|---|
| Untagged | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

show active-charging analyzer statistics name p2p protocol-group verbose

Table 13: show active-charging analyzer statistics name p2p protocol-group verbose Command Output Descriptions

| Field | Description |
|--|---|
| ACS P2P Stats: | |
| Generic-non-p2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Generic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Anonymous-access-tor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Anonymous-access-yourfreetunnel | |

show active-charging analyzer statistics name p2p protocol-group verbose

| Field | Description |
|-------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Anonymous-access-jap | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Anonymous-access-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-openft | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-actsync | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-kontiki | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Business-blackberry | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-citrix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-webex | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-gotomeeting | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-adobeconnect | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-Cisco-jabber | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Business-total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-skype | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-msn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-yahoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-jabber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------------------|---|
| Communicator-qq | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-gadugadu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-oscar | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-popo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-irc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-iskoot | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-fring | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-gtalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-nimbuzz | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-paltalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-meebo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-truphone | |

| Field | Description |
|-------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-teamspeak | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-facetime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-viber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-imo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-tango | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-scydo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-whatsapp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-mypeople | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-implus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-ebuddy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-ficall | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-mig33 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-goobar | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-kakaotalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-nateontalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-naverline | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

show active-charging analyzer statistics name p2p protocol-group verbose

| Field | Description |
|----------------------------------|---|
| Communicator-wechat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-voipdiscount | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-vopium | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-plingm | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-magicjack | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-smartvoip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-rynga | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-icall | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-actionvoip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-jumblo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-talkatone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-behavioral-voip | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-imessage | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-sudaphone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-blackdialer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-vtok | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-heyteell | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-voxe | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-Lync | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-behavioral-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-didi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-hike-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-----------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-kik-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-upc-phone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Communicator-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-wuala | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-icloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-amazoncloud | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-skydrive | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-dropbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-bitcasa | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-clubbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-----------------------------|---|
| Cloud-Bittorent-sync | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-mozy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-opendrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-windows-azure | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-idrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cloud-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-gmail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-mapi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-yahoomail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-outlook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-telegram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-mail-Total | |

| Field | Description |
|---------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-news-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-apple-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-blackberry-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-itunes | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-googleplay | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|------------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| E-store-nokia-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-samsung-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-windows-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| E-store-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-hamachivpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-vpnx | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-vtun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-isakmp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-netmotion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-openvpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-tunnelvoice | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|--|---|
| Internet-privacy-comodounite | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-ultrasurf | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-cyberghost | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-siri | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-softether | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-hotspotvpn | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Internet-privacy-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-ddlink | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-aimini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-ultrabac | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-upload | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|--|---|
| Filesharing-download | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-flickr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filesharing-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-steam | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-halflife2 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-wofwarcraft | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-xbox | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-battlefld | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-qgame | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-quake | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-warcraft3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|---------------------------|---|
| Gaming-armagettron | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-clubpenguin | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-crossfire | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-dofus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-fiesta | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-florensia | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-----------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-guildwars | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-maplestory | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-ps3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-rfacto | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-splashfighter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-wii | |

| Field | Description |
|--------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-wofkungfu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-callofduty | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-twitch | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gaming-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Maps-igo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-------------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Maps-mapfactor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Maps-navigon | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Maps-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-winny | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-mute | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-freenet | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-stealthnet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-antsp2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-anon-filesharing-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-bittorrent | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-edonkey | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------------------|---|
| P2P-filesharing-gnutella | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-fasttrack | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-manolito | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-pando | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-filetopia | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-soulseek | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|--------------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-applejuice | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-ares | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-directconnect | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-imesh | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-winx | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-thunder | |

show active-charging analyzer statistics name p2p protocol-group verbose

| Field | Description |
|---------------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-off | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-xdcc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-mojo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-thunderhs | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-behavioral-p2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--|---|
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-rod | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| P2P-filesharing-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control-skinny | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control-rdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control-teamviewer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control-pcanywhere | |

| Field | Description |
|------------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Remote-control-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-gaming-secondlife | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-gaming-gamekit | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-gaming-friendster | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-gaming-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|------------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-facebook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-myspace | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-twitter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-instagram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-pinterest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-linkedin | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-poco | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-snapchat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-googleplus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-hyves | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-tumblr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-------------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-badoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-vine | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-foursquare | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-path | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-weibo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-tagged | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-xing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-generic-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-videoconf-oovoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Social-nw-videoconf-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-iax | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------------|---|
| Standard-mgcp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-ssdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-stun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-usenet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-flash | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-msrp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-----------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-rdt | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-spdy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-google | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-silverlight | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-ssl | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Standard-Total | |

| Field | Description |
|---------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-orb | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-slingbox | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-ppstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-qqlive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-feidian | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-zattoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-sopcast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-pplive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-tvants | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-tvuplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-uusee | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-iptv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-pandora | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-icecast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-shoutcast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-funshion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------------|---|
| Streaming-octoshape | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-rmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-veoh tv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-wmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-ogg | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-quicktime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|---------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-spotify | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-netflix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-iplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-avi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-soribada | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-kugou | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-ustream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-svtplay | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-kuro | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-youtube | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-baidumovie | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |

| Field | Description |
|-------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-monkey3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-Hls | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-Youku | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-hulu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-google-music | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|---------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-rhapsody | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-hbogo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-iheartradio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-radio-paradise | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-beatport | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-soundcloud | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-amazonmusic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-slingtv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-vessel | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-vudu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-go90 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------------|---|
| Streaming-Espn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-Crackle | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-Hbonow | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Streaming-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-operamini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-truecaller | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-applemaps | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-waze | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-apple-push | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-google-push | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-speedtest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-slacker-radio | |

| Field | Description |
|-----------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Untagged-Total | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

show active-charging analyzer statistics name p2p

Table 14: show active-charging analyzer statistics name p2p Command Output Descriptions

| Field | Description |
|-----------------------|---|
| ACS P2P Stats: | |
| Skype | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bittorrent | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Edonkey | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-----------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Msn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Yahoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Orb | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gnutella | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jabber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Slingbox | |

| Field | Description |
|------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Winyy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Fasttrack | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Manolito | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pando | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Filetopia | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-----------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Soulseek | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ppstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qq | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qqlive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mute | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gadugadu | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Feidian | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Applejuice | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Zattoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Skinny | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Sopcast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------|---|
| Ares | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Directconnect | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Imesh | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pplive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oscar | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Popo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Irc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Steam | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ddlink | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Halfife2 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hamachivpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tvants | |

| Field | Description |
|------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tvuplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Uusee | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vpnx | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Winmx | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Wofwarcraft | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xbox | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iskoot | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Fring | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oovoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gtalk | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Freenet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Aimini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Battlefld | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Openft | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qqgame | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------|---|
| Quake | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Secondlife | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actsyc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nimbuzz | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iax | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Paltalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|----------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wareft3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iptv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pandora | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icecast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kontiki | |

| Field | Description |
|-------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Meebo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Shoutcast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Truphone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Thunder | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Armagetron | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Blackberry | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Citrix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Clubpenguin | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crossfire | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Dofus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Fiesta | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Florensia | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Funshion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Guildwars | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Isakmp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Maplestory | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------|---|
| Mgcp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Octoshape | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Off | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ps3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rfactor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|----------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Splashfighter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ssdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Stealthnet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Stun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Teamspeak | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tor | |

| Field | Description |
|------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vohtv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wii | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wofkungfu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xdcc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-----------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Yourfreetunnel | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gamekit | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facetime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gmail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Itunes | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Myspace | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Teamviewer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Twitter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Viber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Antsp2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------|---|
| Imo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Netmotion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ogg | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Openvpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Quicktime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Spotify | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|--------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tango | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ultrabac | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Usenet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tunnelvoice | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Scydo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Whatsapp | |

| Field | Description |
|-------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Flash | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mojo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pcanywhere | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mypeople | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Webex | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Netflix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Implus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ebuddy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Msrp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ficall | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gotomeeting | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mig33 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Comodounite | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Goober | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Operamini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------|---|
| Rdt | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kakaotalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nateontalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Naverline | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Callofduty | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Thunderhs | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Avi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wuala | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wechat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Soribada | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Googleplay | |

| Field | Description |
|---------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kugou | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Instagram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voipdiscount | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vopium | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Plingm | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Pinterest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Magicjack | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Spdy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Amazoncloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Smartvoip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rynga | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icall | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actionvoip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jumblo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Talkatone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mapi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------------|---|
| Behavioral-p2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-voip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-upload | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-download | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Imessage | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Linkedin | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Poco | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ultrasurf | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Snapchat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Truecaller | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cyberghost | |

| Field | Description |
|---------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Googleplus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Adobeconnect | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ustream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Siri | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Softether | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--|---|
| Downlink Pkts | The total number of packets downlinked. |
| Sudaphone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Svtplay | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hyves | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Silverlight | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackdialer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rodi | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Skydrive | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtok | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Flickr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kuro | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--|---|
| Downlink Pkts | The total number of packets downlinked. |
| Dropbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Heytell | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bitcasa | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Clubbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tumblr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Youtube | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voxer | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hotspotvpn | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Applemaps | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|---------------------------------|---|
| Badoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Foursquare | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jap | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Monkey3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Outlook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vine | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Yahoomail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm unclassified | |

| Field | Description |
|------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Box | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Chikka | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Imgur | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oist | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Oist unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Regram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Regram unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vchat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bittorrent-sync | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|---------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hls | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|---------------------------|---|
| Lync audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync file-transfer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Path | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Waze | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Youku | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Apple-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackberry-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hulu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Igo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mapfactor | |

| Field | Description |
|----------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mozy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Navigon | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nokia-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Opendrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Samsung-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Weibo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Windows-azure | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Windows-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Apple-push | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Didi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Friendster | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-----------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google-music | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google-push | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hike-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Idrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kik-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------|---|
| Tagged | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Telegram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rhapsody | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Speedtest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Twitch | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbogo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iheartradio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Slacker-radio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone-unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone-audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone | |

| Field | Description |
|-----------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Radio-Paradise | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Amazonmusic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ssl | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Slingtv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vessel | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--|---|
| Downlink Pkts | The total number of packets downlinked. |
| Vudu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Go90 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Espn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crackle | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbonow | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Beatport / Soundcloud / 8tracks/ Quic / Tunein-radio / Periscope / Amazonvideo / Showtime / Vevo / Mlb / Starz / Tmo-tv / Hgtv / Nbc-sports / Univision / Dish-anywhere / Fox-sports / Newsy / Fandor | |

| Field | Description |
|----------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

show active-charging analyzer statistics name p2p verbose

Table 15: show active-charging analyzer statistics name p2p verbose Command Output Descriptions

| Field | Description |
|---|---|
| Non-P2P | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skype-non-voice | |
| Important The following counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skype-voice | |
| Important The following counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skype-non-voice | |
| Important The following counters are available only for release 11.0. | |

| Field | Description |
|---|---|
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skype-others | |
| Important The following counters are available only for 12.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skype-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Bittorrent | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Edonkey | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-non-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |

| Field | Description |
|---|---|
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-video | |
| Important These counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-non-a/v | |
| Important These counters are available only for release 11.0. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-others | |
| Important These counters are available only for release 12.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |

| Field | Description |
|---|---|
| Downlink Pkts: | The total number of packets downlinked. |
| Msn-audio | |
| Important These counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-non-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-non-audio | |
| Important The following counters are available only for release 11.0. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-video | |
| Important These counters are available only for 12.0 and earlier releases. | |

| Field | Description |
|---|---|
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-others | |
| Important These counters are available only for 12.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Yahoo-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Orb | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Gnutella | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Jabber | |
| Uplink Bytes: | The total number of bytes uplinked. |

| Field | Description |
|------------------|---|
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Slingbox | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Winy | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Fasttrack | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Manolito | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Pando | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |

| Field | Description |
|------------------------|---|
| Filetopia | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Soulseek | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Ppstream | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Qq | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Qq unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qq audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qq video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Qqlive | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Mute | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Gadugadu | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Feidian | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Applejuice | |

| Field | Description |
|----------------------|---|
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Zattoo | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Skinny | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Sopcast | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Ares | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Directconnect | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |

| Field | Description |
|---|---|
| Downlink Pkts: | The total number of packets downlinked. |
| Imesh | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Pplive | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Oscar | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oscar-non-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oscar-voice | |
| Important These counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|---|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oscar-non-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Oscar-video | |
| Important These counters are available only for 12.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Oscar-others | |
| Important These counters are available only for 12.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Oscar-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Popo | |

| Field | Description |
|-------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Irc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Steam | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ddlink | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Halfife2 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hamachivpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Tvants | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tvuplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Uusee | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vpnx | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Winmx | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wofwarcraft | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xbox | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iskoot | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Fring | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oovoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|---|---|
| Gtalk-non-voice | |
| Important The following counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gtalk-voice | |
| Important The following counters are available only for 10.0 and earlier releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gtalk-non-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gtalk-video | |
| Important These counters are available only for 12.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Gtalk-others | |
| Important These counters are available only for 12.0 and earlier releases. | |
| Uplink Bytes: | The total number of bytes uplinked. |

| Field | Description |
|---|---|
| Downlink Bytes: | The total number of bytes downlinked. |
| Uplink Pkts: | The total number of packets uplinked. |
| Downlink Pkts: | The total number of packets downlinked. |
| Gtalk-audio | |
| Important The following counters are available only for 11.0 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Freenet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Aimini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Battlefld | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Openft | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Qqgame | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Quake | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Secondlife | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actsyc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nimbuzz | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iax | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Paltalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Warcraft3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iptv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Uplink Bytes | The total number of bytes uplinked. |
| Pandora unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Pandora ads | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pandora | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icecast | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kontiki | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Meebo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Shoutcast | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Truphone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Thunder | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Armagettron | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackberry | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Citrix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Clubpenguin | |

| Field | Description |
|------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crossfire | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Dofus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Fiesta | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Florensia | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Funshion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Guildwars | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Isakmp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Maplestory | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mgcp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Octoshape | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Off | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ps3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rfactor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Splashfighter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ssdp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------|---|
| Stealthnet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Stun | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Teamspeak | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| VeohTV | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wii | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-----------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wmstream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wofkungfu | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xdcc | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Yourfreetunnel | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gamekit | |

| Field | Description |
|------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facetime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facetime unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facetime audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facetime video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gmail | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Itunes | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Myspace | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Teamviewer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Twitter | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Twitter streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Viber | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|---------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Viber unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Viber audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Antsp2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Imo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Netmotion | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|------------------|---|
| Ogg | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Openvpn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Quicktime | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Spotify | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tango | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ultrabac | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|--------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Usenet | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tunnelvoice | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Scydo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Whatsapp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| MyPeople | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| RDT | |

| Field | Description |
|-------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Flash | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mojo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pcanywhere | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Webex | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Netflix | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Implus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ebuddy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Msrp | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ficall | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Gotomeeting | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mig33 | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|--------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Comodounite | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Goober | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iplayer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Operamini | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kakaotalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------------------|---|
| Kakaotalk Audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kakaotalk Unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nateontalk | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Naverline | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Callofduty | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Thunderhs | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Avi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wuala | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Wechat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Soribada | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Googleplay | |

| Field | Description |
|----------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kugoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Instagram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voipdiscount | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voipdiscount unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voipdiscount audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Vopium | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vopium unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vopium audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Plingm | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Plingm unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Plingm audio | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Pinterest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Magicjack | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Magicjack unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Magicjack audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Spdy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------------------|---|
| Amazoncloud | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Smartvoip | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Smartvoip unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Smartvoip audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rynga | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rynga unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|---------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rynga audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icall | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icall unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icall audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Icall video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actionvoip | |

| Field | Description |
|--------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actionvoip unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Actionvoip audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jumblo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jumblo unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jumblo audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-------------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Talkatone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Talkatone unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Talkatone audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mapi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-p2p | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-voip | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-upload | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-download | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Imessage | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Linkedin | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|-------------------|---|
| Poco | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ultrasurf | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Snapchat | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Truecaller | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cyberghost | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Googleplus | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|---------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Adobeconnect | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Ustream | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Siri | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Softether | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Sudaphone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Svtplay | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hyses | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Silverlight | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackdialer-unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackdialer-audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rodi | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|--|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Skydrive | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtok-unclassified | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtok-audio | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vtok-video | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Flickr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kuro | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Dropbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Heytell | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bitcasa | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|--|---|
| Downlink Pkts | The total number of packets downlinked. |
| Clubbox | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tumblr | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Youtube | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Voxer | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hotspotvpn | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |

| Field | Description |
|--|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Baidumovie | |
| Important The statistics for this protocol is supported from ADC plugin 1.5 and later releases. | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Applemaps | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Badoo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Facebook unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Foursquare | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Jap | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Monkey3 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Outlook | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vine | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| YahooMail | |

| Field | Description |
|-------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bbm audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Box | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Chikka | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Imgur | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oist | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Oist unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Regram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Regram unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vchat | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|----------------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Bittorrent-sync | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Cisco-jabber | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|---------------------------|---|
| Hls | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Lync file-transfer | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Path | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|-------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Waze | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Youku | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Behavioral-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Apple-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Blackberry-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hulu | |

| Field | Description |
|--------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Igo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mapfactor | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Mozy | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Navigon | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Nokia-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|----------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Opendrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Samsung-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Weibo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Windows-azure | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Windows-store | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Apple-push | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-----------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Didi | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Friendster | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google-music | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Google-push | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hike-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|----------------------|---|
| Idrive | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Kik-messenger | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Tagged | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Telegram | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Xing | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Rhapsody | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|---------------------------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Speedtest | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Twitch | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbogo | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iheartradio unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iheartradio ads | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Iheartradio | |

| Field | Description |
|-------------------------------|---|
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Slacker-radio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone-unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone-audio | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Upc-phone | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Radio-Paradise | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |

| Field | Description |
|-----------------------------|---|
| Downlink Pkts | The total number of packets downlinked. |
| Amazonmusic | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Slingtv | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vessel | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vudu unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vudu streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Vudu | |
| Uplink Bytes | The total number of bytes uplinked. |

| Field | Description |
|-----------------------------|---|
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Go90 unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Go90 streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Go90 | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Espn unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Espn streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

| Field | Description |
|--------------------------------|---|
| Espn | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crackle unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crackle streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Crackle | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbonow unclassified | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbonow streaming-video | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |

| Field | Description |
|----------------|---|
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |
| Hbonow | |
| Uplink Bytes | The total number of bytes uplinked. |
| Downlink Bytes | The total number of bytes downlinked. |
| Uplink Pkts | The total number of packets uplinked. |
| Downlink Pkts | The total number of packets downlinked. |

show active-charging analyzer statistics name pptp

Table 16: show active-charging analyzer statistics name pptp Command Output Descriptions

| Field | Description |
|------------------------------------|---------------------------------------|
| ACS PPTP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Total GRE Sessions | Total number of GRE sessions. |
| Invalid PPTP Pkts | Total number of invalid PPTP packets. |
| Unknown PPTP Pkts | Total number of unknown PPTP packets. |
| ACS PPTP-GRE Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |

show active-charging analyzer statistics name rtp

Table 17: show active-charging analyzer statistics name rtp Command Output Descriptions

| Field | Description |
|-------------------------------|--|
| ACS RTP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Total Accel Pkts | Total number of accelerated RTP packets. |

show active-charging analyzer statistics name sip

Table 18: show active-charging analyzer statistics name sip Command Output Descriptions

| Field | Description |
|---------------------------|---|
| SIP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Valid Bytes | Total number of valid bytes uplinked. |
| Downlink Valid Bytes | Total number of valid bytes downlinked. |
| Uplink Valid Pkts | Total number of valid packets uplinked. |
| Downlink Valid Pkts | Total number of valid packets downlinked. |
| Uplink Retry Bytes | Total number of retry bytes uplinked. |
| Downlink Retry Bytes | Total number of retry bytes downlinked. |
| Uplink Retry Pkts | Total number of retry packets uplinked. |
| Downlink Retry Pkts | Total number of retry packets downlinked. |
| Uplink Error Bytes | Total number of error bytes uplinked. |

| Field | Description |
|-----------------------------------|--|
| Downlink Error Bytes | Total number of error bytes downlinked. |
| Uplink Error Pkts | Total number of error packets uplinked. |
| Downlink Error Pkts | Total number of error packets downlinked. |
| SIP Calls | Total number of SIP calls. |
| SIP Advanced Session Stats | |
| Total Uplink Bytes | Total uplink bytes processed by SIP ALG. |
| Total Downlink Bytes | Total downlink bytes processed by SIP ALG. |
| Total Uplink Packets | Total uplink packets processed by SIP ALG. |
| Total Downlink Packets | Total downlink packets processed by SIP ALG. |
| Total SIP Calls | Total number of active SIP calls processed by SIP ALG. |
| Current SIP Calls | Current number of active SIP calls processed by SIP ALG. |
| Total SIP UDP Calls | Total number of SIP UDP calls processed by SIP ALG. |
| Current SIP UDP Calls | Current number of SIP UDP calls processed by SIP ALG. |
| Total SIP TCP Calls | Total number of SIP TCP calls processed by SIP ALG. |
| Current SIP TCP Calls | Current number of SIP TCP calls processed by SIP ALG. |

| Field | Description |
|-------------------|---|
| SIP Request | Displays the following SIP Requests. <ul style="list-style-type: none"> • Register: Total REGISTER requests. • Invite: Total INVITE requests. • Ack: Total ACK requests. • Bye: Total BYE requests. • Info: Total INFO requests. • Prack: Total PRACK requests. • Refer: Total REFER requests. • Cancel: Total CANCEL requests. • Update: Total UPDATE requests. • Message: Total MESSAGE requests. • Options: Total OPTIONS requests. • Publish: Total PUBLISH requests. • Subscribe: Total SUBSCRIBE requests. • Notify: Total NOTIFY requests. |
| Total Received | Total number of SIP requests received by SIP ALG. |
| Total Transmitted | Total number of SIP requests transmitted by SIP ALG. |
| Retransmitted | Total number of SIP requests retransmitted by SIP ALG. |
| SIP Response | Displays the following SIP Responses. <ul style="list-style-type: none"> • 1XX: Total 1xx responses. • 2XX: Total 2xx responses. • 3XX: Total 3xx responses. • 4XX: Total 4xx responses. • 5XX: Total 5xx responses. • 6XX: Total 6xx responses. |
| Total Received | Total number of SIP responses received by SIP ALG. |
| Total Transmitted | Total number of SIP responses transmitted by SIP ALG. |
| Retransmitted | Total number of SIP responses retransmitted by SIP ALG. |

show active-charging analyzer statistics name sip verbose

Table 19: show active-charging analyzer statistics name sip verbose Command Output Descriptions

| Field | Description |
|-------------------------------|---|
| ACS SIP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Uplink Valid Pkts | Total number of valid packets uplinked. |
| Downlink Valid Pkts | Total number of valid packets downlinked. |
| Uplink Retry Pkts | Total number of retry packets uplinked. |
| Downlink Retry Pkts | Total number of retry packets downlinked. |
| Uplink Error Pkts | Total number of error packets uplinked. |
| Downlink Error Pkts | Total number of error packets downlinked. |
| Total SIP Calls | Total number of SIP calls. |
| Total SIP TCP Flows | Total number of SIP TCP flows. |
| Current SIP TCP Flows | Current number of SIP TCP flows. |
| Total SIP UDP Flows | Total number of SIP UDP flows. |
| Current SIP UDP Flows | Current number of SIP UDP flows. |

| Field | Description |
|----------------------------|---|
| SIP Request | Displays the following SIP Requests. <ul style="list-style-type: none"> • INVITE Requests • ACK Requests • REGISTER Requests • BYE Requests • CANCEL Requests • PRACK Requests • MESSAGE Requests • OPTIONS Requests • SUBSCRIBE Requests • REFER Requests • UPDATE Requests • INFO Requests • PUBLISH Requests • NOTIFY Requests |
| Total | Total number of SIP requests received by ECS SIP analyzer. |
| Retransmitted | Total number of SIP requests retransmitted by ECS SIP analyzer. |
| SIP Response | Displays the following SIP Responses. <ul style="list-style-type: none"> • 1xx • 2xx • 3xx • 4xx • 5xx • 6xx |
| Total | Total number of SIP responses received by ECS SIP analyzer. |
| Retransmitted | Total number of SIP responses retransmitted by ECS SIP analyzer. |
| SIP Advanced Session Stats | |
| Total Uplink Bytes | Total uplink bytes processed by SIP ALG. |
| Total Downlink Bytes | Total downlink bytes processed by SIP ALG. |

| Field | Description |
|------------------------|--|
| Total Uplink Packets | Total uplink packets processed by SIP ALG. |
| Total Downlink Packets | Total downlink packets processed by SIP ALG. |
| Total SIP Calls | Total number of active SIP calls processed by SIP ALG. |
| Current SIP Calls | Current number of active SIP calls processed by SIP ALG. |
| Total SIP UDP Calls | Total number of SIP UDP calls processed by SIP ALG. |
| Current SIP UDP Calls | Current number of SIP UDP calls processed by SIP ALG. |
| Total SIP TCP Calls | Total number of SIP TCP calls processed by SIP ALG. |
| Current SIP TCP Calls | Current number of SIP TCP calls processed by SIP ALG. |
| SIP Request | <p>Displays the following SIP Requests.</p> <ul style="list-style-type: none"> • Register: Total REGISTER requests. • Invite: Total INVITE requests. • Ack: Total ACK requests. • Bye: Total BYE requests. • Info: Total INFO requests. • Prack: Total PRACK requests. • Refer: Total REFER requests. • Cancel: Total CANCEL requests. • Update: Total UPDATE requests. • Message: Total MESSAGE requests. • Options: Total OPTIONS requests. • Publish: Total PUBLISH requests. • Subscribe: Total SUBSCRIBE requests. • Notify: Total NOTIFY requests. |
| Total Received | Total number of SIP requests received by SIP ALG. |
| Total Transmitted | Total number of SIP requests transmitted by SIP ALG. |
| Retransmitted | Total number of SIP requests retransmitted by SIP ALG. |

| Field | Description |
|-------------------|--|
| SIP Response | Displays the following SIP Responses. <ul style="list-style-type: none"> • 1XX: Total 1xx responses. • 2XX: Total 2xx responses. • 3XX: Total 3xx responses. • 4XX: Total 4xx responses. • 5XX: Total 5xx responses. • 6XX: Total 6xx responses. |
| Total Received | Total number of SIP responses received by SIP ALG. |
| Total Transmitted | Total number of SIP responses transmitted by SIP ALG. |
| Retransmitted | Total number of SIP responses retransmitted by SIP ALG. |

show active-charging analyzer statistics name tcp verbose

Table 20: show active-charging analyzer statistics name tcp verbose Command Output Descriptions

| Field | Description |
|-------------------------------|---|
| ACS TCP Session Stats: | |
| Total Uplink Bytes | The total number of bytes uplinked. |
| Total Downlink Bytes | The total number of bytes downlinked. |
| Total Uplink Pkts | The total number of packets uplinked. |
| Total Downlink Pkts | The total number of packets downlinked. |
| Uplink Bytes Retrans | The number of uplink bytes that were retransmitted. |
| Downlink Bytes Retrans | The number of downlink bytes that were retransmitted. |
| Uplink Pkts Retrans | The number of uplink packets that were retransmitted. |
| Downlink Pkts Retrans | The number of downlink packets that were retransmitted. |
| Uplink Zero len ACKs | The number of TCP zero length ACK packets uplinked. |
| Downlink Zero len ACKs | The number of TCP zero length ACK packets downlinked. |
| Total Non-Syn Flows | The number of total TCP flows without SYN. |
| Current Non-Syn Flows | The number of current TCP flows without SYN. |

| Field | Description |
|--|--|
| Uplink Out of Order Pkts Successfully Analyzed | The number of uplink out of order packets that were successfully analyzed. |
| Downlink Out of Order Pkts Successfully Analyzed | The number of downlink out of order packets that were successfully analyzed. |
| Uplink Out of Order Pkts Failure | The number of uplink out of order packets that failed. |
| Downlink Out of Order Pkts Failure | The number of downlink out of order packets that failed. |
| Uplink Out of Order Pkts Retransmitted | The number of uplink out of order packets that retransmitted. |
| Downlink Out of Order Pkts Retransmitted | The number of downlink out of order packets that retransmitted. |
| Downlink Window Size updated Pkts | The number of downlink packets whose packet window size was updated. |
| Uplink Out of Order Pkts Buffered | The number of uplink out of order packets buffered to validate the override of transmit-immediately configuration until x-header insertion is performed. |
| Downlink Out of Order Pkts Buffered | The number of downlink out of order packets buffered to validate the override of transmit-immediately configuration until x-header insertion is performed. |
| Uplink Bytes Invalid Length | The number of uplink bytes of invalid length. |
| Downlink Bytes Invalid Length | The number of downlink bytes of invalid length. |
| Uplink Pkts Invalid Length | The number of uplink packets of invalid length. |
| Downlink Pkts Invalid Length | The number of downlink packets of invalid length. |
| Uplink Bytes Out of Sequence | The number of uplink bytes out of sequence. |
| Downlink Bytes Out of Sequence | The number of downlink bytes out of sequence. |
| Uplink Pkts Out of Sequence | The number of uplink packets that were out of sequence. |
| Downlink Pkts Out of Sequence | The number of downlink packets that were out of sequence. |
| Uplink Bytes Invalid Close Wait | The total number of bytes received in uplink direction while system is in invalid wait state to close connection. |
| Downlink Bytes Invalid Close Wait | The total number of bytes received in downlink direction while system is in invalid wait state to close connection. |
| Uplink Pkts Invalid Close Wait | The total number of packets received in uplink direction while system is in invalid wait state to close connection. |
| Downlink Pkts Invalid Close Wait | The total number of bytes received in downlink direction while system is in invalid wait state to close connection. |

| Field | Description |
|---|--|
| Uplink Bytes Invalid Close State | The total number of bytes received in uplink direction while connection is in invalid closed state. |
| Downlink Bytes Invalid Close State | The total number of bytes received in downlink direction while connection is in invalid closed state. |
| Uplink Pkts Invalid Close State | The total number of packets received in uplink direction while connection is in invalid closed state. |
| Downlink Pkts Invalid Close State | Total number of packets received in downlink direction while connection is in invalid closed state. |
| Uplink Bytes Out of Order Timeout Failure | The total number of bytes received in uplink direction while timeout duration to wait for out of order packets is exhausted. |
| Downlink Bytes Out of Order Timeout Failure | The total number of bytes received in downlink direction while timeout duration to wait for out of order packets is exhausted. |
| Uplink Pkts Out of Order Timeout Failure | The total number of packets received in uplink direction while timeout duration to wait for out of order packets is exhausted. |
| Downlink Pkts Out of Order Timeout Failure | The total number of bytes received in downlink direction while timeout duration to wait for out of order packets is exhausted. |
| Uplink Bytes Out of Order Failure in Allocation | The total number of bytes received in uplink direction while allocation of out of order packet is failed. |
| Downlink Bytes Out of Order Failure in Allocation | The total number of bytes received in downlink direction while allocation of out of order packet is failed. |
| Uplink Pkts Out of Order Failure in Allocation | The total number of packets received in uplink direction while allocation of out of order packet is failed. |
| Downlink Pkts Out of Order Failure in Allocation | The total number of packets received in downlink direction while allocation of out of order packet is failed. |
| Uplink Pkts Invalid Window Size | The total number of packets received in uplink direction with invalid window size for buffer. |
| Uplink Bytes Invalid Window Size | The total number of bytes received in uplink direction with invalid window size for buffer. |
| Downlink Pkts Invalid Window Size | The total number of packets received in downlink direction with invalid window size for buffer. |
| Downlink Bytes Invalid Window Size | Total number of bytes received in downlink direction with invalid window size for buffer. |
| Uplink Pkts Invalid Checksum | The total number of packets received in uplink direction with invalid checksum errors. |
| Uplink Bytes Invalid Checksum | The total number of bytes received in uplink direction with invalid checksum errors. |

| Field | Description |
|---------------------------------|--|
| Downlink Pkts Invalid Checksum | The total number of packets received in downlink direction with invalid checksum errors. |
| Downlink Bytes Invalid Checksum | The total number of bytes received in downlink direction with invalid checksum errors. |

show active-charging analyzer statistics name tftp

Table 21: show active-charging analyzer statistics name tftp Command Output Descriptions

| Field | Description |
|---|--|
| ACS TFTP Session Stats: | |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total Uplink Packets | Total number of packets uplinked. |
| Total Downlink Packets | Total number of packets downlinked. |
| Total Read Sessions | Total number of read sessions. |
| Total Write Sessions | Total number of write sessions. |
| Total Invalid Control Packets | Total number of invalid control packets. |
| Total Invalid Data Packets | Total number of invalid data packets. |
| Total Packets with Unknown Request Type | Total number of packets with unknown request type. |

show active-charging bandwidth-policy name

Table 22: show active-charging bandwidth-policy name Command Output Descriptions

| Field | Description |
|---|--------------------------------------|
| Service Name | Name of the Active Charging Service. |
| Bandwidth Policy Name | Name of the bandwidth policy. |
| Flow Limit-for-Bandwidth ID and Group-ID Associations: | |
| Flow Limit-for-Bandwidth ID | The ACS flow limit-for-bandwidth ID. |
| Group-ID | The ACS Bandwidth Policy Group ID. |

| Field | Description |
|--|--|
| Total number of bw-ids configured in Bandwidth-Policy <policy> | The total number of bandwidth IDs configured in the specified bandwidth policy. |
| Group-Limits for Group-ID | The group limits set for the group ID. |
| Rates & Actions | Lists the following rates and actions: <ul style="list-style-type: none"> • Peak Data Rate • Peak Burst Size • Violate Action • Committed Data Rate • Committed Burst Size • Exceed Action |
| Uplink | For bandwidth control in uplink direction indicates: <ul style="list-style-type: none"> • Peak data rate in bits per second • Peak burst size in bytes • Violate action configured: discard/lower-ip-precedence • Committed data rate in bits per second • Committed burst size in bytes • Exceed action configured: discard/lower-ip-precedence |
| Downlink | For bandwidth control in downlink direction indicates: <ul style="list-style-type: none"> • Peak data rate in bits per second • Peak burst size in bytes • Violate action configured: discard/lower-ip-precedence • Committed data rate in bits per second • Committed burst size in bytes • Exceed action configured: discard/lower-ip-precedence |
| Total number of group-limits configured in Bandwidth-Policy <policy> | The total number of group limits configured in the specified bandwidth policy. |
| Total bandwidth-policies found | The total number of bandwidth policies matching the specified criteria. |

show active-charging charging-action all

Table 23: show active-charging charging-action all Command Output Descriptions

| Field | Description |
|------------------------------|---|
| Service Name | Name of the Active Charging Service. |
| Charging Action Name | Name of the charging action. There may be several charging actions configured per charging service. |
| Content ID | The content ID to use in the generated billing records as the Rating-Group Attribute Value Pair (AVP) for this charging action. |
| Service ID | Service identifier value configured in the Charging Action mode. |
| PCO | Specifies the PCO value. |
| EDRs | Indicates whether Event Detail Record (EDR) billing action for packets matching this charging action is enabled, and the EDR format. Important This field is available only in 12.1 and earlier releases. |
| Charging EDRs | Indicates whether EDR billing action for packets matching this charging action is enabled, and the charging EDR format name. Important This field is available only in 12.2 and later releases. |
| Reporting EDRs | Indicates whether EDR billing action for packets matching this charging action is enabled, and the reporting EDR format name. Important This field is available only in 12.2 and later releases. |
| EGCDRs | Indicates whether eG-CDRs for billing of the packets matching with this charging action is enabled. |
| UDRs | Indicates whether UDR generation is enabled. |
| Flow Idle Timeout | Displays the idle-timeout for flows inspected by ECS. |
| Limit For Flow Type | Indicates whether Limit For Flow Type is enabled/disabled. |
| Limit For Uplink Bandwidth | Indicates whether Limit For Uplink Bandwidth is enabled/disabled. |
| Limit For Downlink Bandwidth | Indicates whether Limit For Downlink Bandwidth is enabled/disabled. |
| Throttle-Suppress Timeout | Displays the configured timeout value in seconds or displays "n/a" if not configured. |

| Field | Description |
|-------------------------------|--|
| QoS Renegotiate Traffic-Class | Indicates whether QoS Renegotiate Traffic-Class is enabled/disabled. |
| QoS Class Identifier | Indicates whether QoS Class Identifier is configured. |
| IP Type of Service | Indicates whether IP Type of Service is configured. |
| Flow-Mapping Idle Timeout | Indicates the flow-mapping timeout value, in seconds. |
| DNS Proxy Bypass | Indicates whether DNS Proxy Bypass is enabled/disabled. If enabled, the DNS packets bypass interception at the session manager when readdressing for flow occurs, and go through ECS-based DNS redirection. |
| Count Retransmissions | Indicates whether Count Retransmissions is enabled. |
| Content Filtering | Indicates whether Content Filtering is enabled. |
| Type of Service | Displays the service type (PDSN, GGSN, etc.) |
| Count Retries | Indicates if the ECS service is counting retransmitted packets per subscriber. |
| GCDRs | Indicates if G-CDRs are enabled or disabled. |
| Discard | Specifies if the packets that match the flow should be discarded. |
| Credit Control | Specifies if credit control is being used in this charging action |
| Xheader-Insert | Indicates the x-header format name. |
| Message Type | Indicates the message type - Request or Response. |
| DNS Tethering Hostnames Cache | Indicates whether caching from DNS flows for DNS-based tethering detection is enabled or disabled. |
| Flow Action | |
| Redirect URL | Indicates whether the redirection of URL for packets that matches a ruledef is enabled/disabled. If enabled, redirects the HTTP packets matched to this Ruledef to the specified URL. |
| Clear Quota Retry Timer | Indicates whether Clear Quota Retry Timer is enabled/disabled. If enabled, resets the Credit Control Application quota retry timer for specific subscriber upon redirection. |
| Conditional Redirect | Indicates whether Conditional Redirect end token action is enabled/disabled. If enabled, conditionally redirects the HTTP packets matched to a configured user-agent to a specified URL. |

| Field | Description |
|--------------------------------|---|
| Discard | Indicates whether discard action is enabled/disabled. If enabled, discards the packet associated with the charging action. |
| Terminate-Flow | Indicates whether terminate flow action is enabled/disabled. If enabled, terminates the TCP connection gracefully between the subscriber and external server and sends a TCP FIN to the subscriber and a TCP RST to the server. If the flow does not use TCP, this option simply discard the packets. This option is used for flows that use TCP only. |
| PCO-Custom1 Value | Indicates the configured PCO value. Displays n/a if this value is not configured. |
| PCO-Custom1/2/3/4/5 value | Indicates the action value for multiple operator-specific PCO. |
| Rulebase Change | Indicates whether the rulebase change action is enabled/disabled. If enabled, displays the name of the rulebase the call should be changed to when the charging action is applied. |
| Billing Action | |
| Event Data Record | Indicates whether EDRs are enabled/disabled. |
| GGSN charging Data Record | Indicates whether GGSN CDRs are enabled/disabled. |
| User Data Record | Indicates whether UDRs are enabled/disabled. |
| Radius Accounting Record | Indicates whether RADIUS accounting records is enabled/disabled. |
| Charge Volume | Indicates the charge volume for packet-length (payload). |
| Predefined Rule Deactivation | Indicates whether the predefined rule/Group of ruledefs deactivation is enabled/disabled. |
| Total charging action(s) found | The number of charging actions that matched the criteria. |
| Readdressing | Indicates whether CAE re-addressing on the Mobile Video Gateway is enabled or disabled. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| Percentage Rate Reduction | If enabled, indicates the configured bit rate reduction for mobile video as a percentage of the input bit rate. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| TFT updates to UE | Indicates if the selective TFT suppression feature is enabled or disabled for all bearers including default and dedicated bearers. |

show active-charging charging-action name

Table 24: show active-charging charging-action name Command Output Description

| Field | Description |
|-----------------|---|
| Encryption Type | Indicates the encryption algorithm used, which is either rc4md5 or aes-256-gcm-sha384. |
| Salt | Indicates if the salt flag is turned on or off. |
| Key | Indicates the key that is used for encryption of xheader fields. Note The supported length for rc4md5 is 8 to 15 string size and for aes256gcm, the supported length is 32 string size, which is equal to 256 bits. |

show active-charging charging-action statistics name

Table 25: show active-charging charging-action statistics name Command Output Descriptions

| Field | Description |
|--------------------------|--|
| Service Name | Name of the Active Charging Service. |
| Charging Action Name | Name of the charging action. There are be several charging actions per charging service. |
| Uplink Pkts Retrans | Total number of uplink packets that were retransmitted. |
| Downlink Pkts Retrans | Total number of downlink packets that were retransmitted. |
| Uplink Bytes Retrans | Total number of uplink bytes that were retransmitted. |
| Downlink Bytes Retrans | Total number of downlink bytes that were retransmitted. |
| Upl Pkts Readdressed | Total number of readdressed uplink packets. |
| Dnl Pkts Readdressed | Total number of readdressed downlink packets. |
| Upl Bytes Readdressed | Total number of readdressed uplink bytes. |
| Dnl Bytes Readdressed | Total number of readdressed downlink bytes. |
| PP Upl Pkts Readdressed | Total number of post-processed uplink packets readdressed. |
| PP Dnl Pkts Readdressed | Total number of post-processed downlink packets readdressed. |
| PP Upl Bytes Readdressed | Total number of post-processed uplink bytes readdressed. |

| Field | Description |
|--|---|
| PP Dnl Bytes Readdressed | Total number of post-processed downlink bytes readdressed. |
| Bytes Charged Yet Packet Dropped | Total number of bytes charged although packet is dropped. For example, a concatenated HTTP GET packet contains one complete GET request and part of another GET request (partial). The partial packet gets completed in the next HTTP packet but is eventually dropped for some reason. In this case, the partial bytes of the GET request are charged in the earlier packet, however, the packet as a whole is dropped. |
| Predef-Rules Deactivated | Total number of times predefined rules/Group of ruledefs is deactivated via charging action. |
| Throttle-Suppress Stats: | |
| Uplink Bytes | Total number of uplink bytes for which bandwidth limiting is suppressed. |
| Downlink Bytes | Total number of downlink bytes for which bandwidth limiting is suppressed. |
| Readdressing Failures Statistics (Packets): | |
| Non SYN Flow | Total number of readdressing packets with a non SYN flow failure. |
| Duplicate Key | Total number of readdressing packets with a duplicate key failure. |
| Dropped Pkts | Total number of packets discarded on readdressing failure. If the discard-on-failure option is not enabled using the flow action readdress command, this value will be zero. |
| XHeader Information: | |
| For Request | |
| XHeader Bytes Injected | Total number of x-header bytes injected for Request messages. |
| XHeader Pkts Injected | Total number of x-header packets injected for Request messages. |
| XHeader Bytes Removed | Total number of x-header bytes removed for Request messages as a result of the anti-spoofing feature configuration. |
| XHeader Pkts Removed | Total number of x-header packets removed for Request messages as a result of the anti spoofing feature configuration. |
| IP Frags consumed by XHeader | Total number of IP fragments consumed by x-header enrichment for Request messages. |
| For Response | |
| XHeader Bytes Injected | Total number of x-header bytes injected for Response messages. |

| Field | Description |
|--|--|
| XHeader Pkts Injected | Total number of x-header packets injected for Response messages. |
| XHeader Bytes Removed | Total number of x-header bytes removed for Response messages as a result of the anti-spoofing feature configuration. |
| XHeader Pkts Removed | Total number of x-header packets removed for Response messages as a result of the anti-spoofing feature configuration. |
| IP Frags consumed by XHeader | Total number of IP fragments consumed by x-header enrichment for Response messages. |
| For Local Response | |
| XHeader Bytes Injected | Total number of x-header bytes injected for local Response messages. |
| XHeader Pkts Injected | Total number of x-header packets injected for local Response messages. |
| NCQoS Discarded Packets: | |
| Rule Bound elsewhere | Total number of rules bound elsewhere. |
| Rule Binding pending | Total number of rule binding pending. |
| Unbound Rule hit | Total number of unbound rule hits. |
| Statistic | Statistic type. |
| flow-action | Total number of matching flows/sessions/packets for the statistic. |
| pp-flow-action | Total number of matching flows/sessions/packets for the statistic. |
| flow-limit | Total number of matching flows/sessions/packets for the statistic. |
| bandwidth-limit | Total number of matching flows/sessions/packets for the statistic. |
| Total Charging Action(s) matched | Total number of charging actions matching the criteria. |
| CAE-Readdressing: | |
| Requests CAE-Readdressed | Total number of request readdressing done. |
| Responses CAE-Readdressed | Total number of response readdressing done. |
| Requests having xheader inserted | Total number of HTTP requests with x-headers inserted. |
| Total CAE-Readdressed Uplink Bytes | Total number of uplink bytes readdressed. |
| Total CAE-Readdressed Uplink Packets | Total number of uplink packets readdressed. |
| Total CAE-Readdressed Downlink Bytes | Total number of downlink bytes readdressed. |
| Total CAE-Readdressed Downlink Packets | Total number of downlink packets readdressed. |

| Field | Description |
|--|--|
| Total Charging action hit - Req. Readdr. | Total number of charging action hits based on HTTP request. |
| Total Charging action hit - Resp. Readdr | Total number of charging action hits based on HTTP response. |
| Proxy Disable Success | Total number of flows with proxy disabled. |
| Flows connected to CAE | Total number of flows connected to the CAE. |
| CAE Readdressing Error Conditions | |
| Total connect failed to CAE | Total number of connections failed to the CAE. |
| Req. Readdr. - pipelined case | Total number of pipelined requests skipped from doing readdressing. |
| Resp. Readdr. - pipelined case | Total number of pipelined response skipped from doing readdressing. |
| Req. Readdr. - Socket Mig. failed | Total number of TCP socket migration failure during request readdressing. |
| Skipped Resp. Readdr. - partial resp hdr | Total number of response readdressing skipped due to partial response. |
| Resp. Readdr. - Socket Mig. failed | Total number of TCP socket migration failure during response readdressing. |
| Total CAE load balancer failed | Total number of load balancer failures to find the video server (CAE) for readdressing. |
| Total MVG xheader insertion failed | Total number of MVG x-header insertion failures. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| Proxy Disable Failed | Total number of times the proxy disable function failed. |
| Strip URL: | |
| Successful Token stripped | Total number of tokens stripped successfully. |
| Total strip URL failure | Total number of URL token stripping failures. |
| Failure - Missing config | Total number of failures due to missing configuration. |
| Failure - Existing flow bid | Total number of failures due to existing flow action bid. |
| Failure - Token matching failed | Total number of failures due to token match fail. |
| Failure - Empty packet | Total number of failures due to empty packet. |
| Failure - Req end not found | Total number of failures due to request end not found. |
| Failure - Subset of big token | Total number of failures due to subset of big token. |

| Field | Description |
|--|--|
| URL-Readdressing: | |
| Requests URL-Readdressed | Total number of URL re-addressed requests. |
| Total Charging action hit - Req. Readdr. | Total number of charging action hits based on request re-addressing. |
| Proxy Disable Success | Total number of flows the proxy disabled successfully. |
| Flows connected to URL Server | Total number of flows connected to URL server. |
| URL Readdressing Error Conditions: | |
| Total connect failed to URL Server | Total number of failed connections to the URL server. |
| URL Readdress - pipelined case | Total number of pipelined requests skipped during URL re-addressing. |
| URL Readdress - Socket Mig. failed | Total number of TCP socket migration failure during URL re-addressing. |
| Proxy Disable Failed | Total number of times the proxy disabled function failed. |

show active-charging content-filtering category policy-id all

Table 26: show active-charging content-filtering category policy-id all Command Output Descriptions

| Field | Description |
|-------------------------------------|--|
| Service Name | Name of the Active Charging Service. |
| Content Filtering Policy | The Content Filtering Policy ID. |
| Content Filtering Categories | |
| Category | Category of the content rated. |
| Priority | Priority of the CF category in the CF Policy. |
| Action | Action taken for the indicated result of CF analysis. |
| Content Insert | The content string inserted in place of message returned from prohibited or restricted site or content server. |
| Redirect | The URL to redirect subscribers. |
| Reply Code | The reply code specified for www-reply-code-and-terminate-flow action. |
| EDR | The EDR file format name to generate separate CF EDRs based on action and content category. |

| Field | Description |
|---------------------------|--|
| Failure Action | The failure end condition if rating cannot be performed. |
| Discarded-Flow-Content-ID | The content ID for the discarded flows. If not configured, this field is not displayed. |

show active-charging content-filtering category statistics rulebase name

Table 27: show active-charging content-filtering category statistics rulebase name Command Output Descriptions

| Field | Description |
|--|--|
| Service Name | Name of the Active Charging Service in which category-based content filtering application is configured. |
| Rulebase Name | Name of rulebase for category-based content filtering application. |
| Content Filtering Statistics | |
| Flows discarded | Total number of flows discarded in content filtering application. |
| Flows redirected | Total number of flows redirected in content filtering application. |
| Flows allowed | Total number of flows allowed in content filtering application. |
| Flows terminated | Total number of flows terminated in content filtering application. |
| Flows discarded with content insertion | Total number of flows discarded and information content inserted in header of flow in content filtering application. |
| Total Flows blocked | Total number of flows blocked in content filtering application. |
| Total Number of dynamic DB lookups | Total number of lookups in dynamic database for Category-based Content Filtering application. This counter is not available in 9.0 and later releases. |
| Total number of static DB lookups | Total number of lookups in static URL database for category based content filtering application. |
| Total number of successful Cache lookups | The total number of successful lookups in cache memory for URLs. Note From Release 21.4, this field is excluded from the output in support of the Talos Security Intelligence Database Support for URL Classification feature. |
| Total number of unknown URLs | Total number of flows/requests with unknown URL. |

| Field | Description |
|--|---|
| Actions For Rating Attempts Not Completed | |
| Flows discarded | Total number of flows discarded in content filtering application. |
| Flows redirected | Total number of flows redirected in content filtering application. |
| Flows allowed | Total number of flows allowed in content filtering application. |
| Flows terminated | Total number of flows terminated in content filtering application. |
| Flows discarded with content insertion | Total number of flows discarded and information content inserted in header of flow in content filtering application. |
| Total Flows blocked | Total number of flows blocked in content filtering application. |
| Time taken for rating | <p>A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms.</p> <p>Note From Release 21.4, the following changes are made to the statistics of this field in support of the Talos Security Intelligence Database Support for URL Classification feature:</p> <ul style="list-style-type: none"> • The > 50ms value is excluded from the output. • The following sub-fields are added to the “Time taken for rating” field: <ul style="list-style-type: none"> • 50-100ms • 100-200ms • 200-300ms • 300ms |
| Number of URLs | Indicates the number of URLs rated in each time slot. |
| Number of URLs (SRDB) | Indicates the number of URLs rated in a specific time slot from static rating database (SRDB). |
| Number of URLs (Cache) | Indicates the number of URLs rated in a specific time slot from the cached list of URLs in memory. |
| Attempts not completed | Indicates the number of URL rating attempts not completed. |
| Total rulebases matched | Total number of rulebases that matched the criteria. |

show active-charging content-filtering category statistics

Table 28: show active-charging content-filtering category statistics Command Output Descriptions

| Field | Description |
|--|---|
| Service Name | Name of the Active Charging Service in which category-based content filtering application is configured. |
| Cumulative Content Filtering Statistics: | |
| Flows discarded | Total number of flows discarded. |
| Flows redirected | Total number of flows redirected. |
| Flows allowed | Total number of flows allowed. |
| Flows terminated | Total number of flows terminated. |
| Flows discarded with content insertion | Total number of flows discarded and content inserted in header of flow. |
| Total Flows blocked | Total number of flows blocked. |
| Total Number of dynamic DB lookups | Total number of lookups in dynamic database. This counter is not available in 9.0 and later releases. |
| Total number of static DB lookups | Total number of lookups in static URL database. |
| Total number of successful Cache lookups | Total number of successful URL lookups in cache memory. Note From Release 21.4, this field is excluded from the output in support of the Talos Security Intelligence Database Support for URL Classification feature. |
| Total number of unknown URLs | Total number of flows/requests with unknown URL. |
| Failure Action (Rating Attempts Not Completed): | |
| Flows discarded | Total number of flows discarded due to failure action. |
| Flows redirected | Total number of flows redirected due to failure action. |
| Flows allowed | Total number of flows allowed due to failure action. |
| Flows terminated | Total number of flows terminated due to failure action. |
| Flows discarded with content insertion | Total number of flows discarded and information content inserted in header of flow due to failure action. |
| Total Flows blocked | Total number of flows blocked due to failure action. |

| Field | Description |
|--|--|
| Time taken for rating | <p>A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms.</p> <p>Note From Release 21.4, the following changes are made to the statistics of this field in support of the Talos Security Intelligence Database Support for URL Classification feature:</p> <ul style="list-style-type: none"> • The > 50ms value is excluded from the output. • The following sub-fields are added to the “Time taken for rating” field: <ul style="list-style-type: none"> • 50-100ms • 100-200ms • 200-300ms • 300ms |
| Number of URLs | Total number of URLs rated in each time slot. |
| Attempts not completed | Total number of URL rating attempts not completed. |
| Cumulative Dynamic Content Filtering Statistics | |
| Dynamic Flows discarded | Total number of dynamic flows discarded. |
| Dynamic Flows redirected | Total number of dynamic flows redirected. |
| Dynamic Flows allowed | Total number of dynamic flows allowed. |
| Dynamic Flows terminated | Total number of dynamic flows terminated. |
| Dynamic Flows discarded with content insertion | Total number of dynamic flows discarded and content inserted in header of flow. |
| Total Dynamic Flows blocked | Total number of dynamic flows blocked. |
| Total Number of dynamic lookups | Total number of dynamic lookups. |
| Total number of unknown URLs | Total number of flows/requests with unknown URLs. |
| Response codes not in range 2xx | Number of responses that were not sent for dynamic rating as the response was not in the 2xx range. |
| Dynamic Failure Action (Rating Attempts Not Completed): | |
| Flows discarded | Total number of flows discarded due to failure action. |
| Flows redirected | Total number of flows redirected due to failure action. |

| Field | Description |
|--|---|
| Flows allowed | Total number of flows allowed due to failure action. |
| Flows terminated | Total number of flows terminated due to failure action. |
| Flows discarded with content insertion | Total number of flows discarded and information content inserted in header of flow due to failure action. |
| Total Flows blocked | Total number of flows blocked due to failure action. |
| Time taken for Dynamic rating | A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms. |
| Number of URLs | Total number of URLs rated in each time slot. |
| Attempts not completed | Total number of URL rating attempts not completed. |
| Number of Packets Hit per Category | Indicates the specific category and the number of packets hit per category. If during runtime, an x-category was added, the x-category is also displayed. |
| Number of Packets Blocked per Category | Indicates the specific category and the number of packets blocked per category. If during runtime, an x-category was added, the x-category is also displayed. |
| Total Responses Inspected | Indicates the number of responses eligible for dynamic rating (i.e. rated as UNKNOW / DYNAM by static rating when dynamic rating is enabled) |
| Responses Buffered | Indicates the number of responses actually buffered. |
| Total Dynamic Lookups | Indicates the total number of dynamic lookups of URLs. |
| Lookups Completed | Indicates the total number of lookups completed. |
| Responses Too Big | Indicates the size of response more than the maximum value allowed (256KB). |
| Out of Rating Buffer | Indicates the out of rating buffer limit. |
| Min Response Size | Indicates the size of the smallest response inspected. |
| Max Response Size | Indicates the size of the largest response inspected. |
| Session QLimit Exceeded | Indicates the number of times we exceeded queue limit for a session (i.e. limit on number of packets that can be queued). |
| Max Pkt per Session | Indicates the maximum number of packets buffered for a single session. |

| Field | Description |
|-------------------------|---|
| Current Active Sessions | Indicates the current number of responses subjected to dynamic CF. |
| Max Active Sessions | Indicates the maximum number of responses subjected to dynamic CF simultaneously. |

show active-charging content-filtering server-group name

Table 29: show active-charging content-filtering server-group name Command Output Descriptions

| Field | Description |
|-------------------------------------|--|
| Content Filtering Group | Name of the Content Filtering Server Group (CFSG). |
| Context | The context in which the CFSG is configured. |
| Origin Address | IP address of the origin endpoint or ICAP client. |
| Response Timeout | The response-timeout duration configured to wait for response. |
| Connection Retry Timeout | The connection retry timeout duration configured to check the TCP connection status between ICAP sever and client. |
| Dictionary | The dictionary used for encoding requests to the server(s). |
| Timeout Action | The action configured for connection timeout. |
| Deny Message | The text string message that is returned to the subscriber in a deny response. |
| URL-extraction | The ICAP URL extraction mode: <ul style="list-style-type: none"> • after-parsing: Percent-encoded hex characters in URLs sent from the ACF client to the ICAP server are converted to corresponding ASCII characters and sent. • raw: The URLs contain percent-encoded hex characters as is. |
| Content Filtering Group Connections | The total number of CF server group connections open. |
| Priority | Displays the priority of the CF server for which statistics has to be displayed. |
| ICAP Address (Port) | Displays the IP address and port number of ICAP server within CF Server Group. |
| Max Outstanding | The total number of unanswered outstanding messages to this ICAP server. |

| Field | Description |
|--|--|
| ACSMgr Instance | Number of ACS Manager instance. |
| Connection State | Status of ACS Manager instance for CF server group connection. |
| Total content filtering groups matching specified criteria | The total number of CFSG matching the criteria. |

show active-charging content-filtering server-group statistics verbose

Table 30: show active-charging content-filtering server-group statistics verbose Command Output Descriptions

| Field | Description |
|--------------------------------------|--|
| Content Filtering Group | Name of the Content Filtering Server Group (CFSG). |
| Connection Statistics | |
| Current Open Connections | Total number of open connections. |
| Connection DHOST requests | Total number of DHOST requests. |
| Successful Connections | Total number of successful connections. |
| Connections DHOST remove | Total number of connections removed from DHOST. |
| Connection SHUTDOWN req | Total number of requests for SHUTDOWN. |
| ACF Unreachable(read) | Total number of attempts for Active Content Filter server (ICAP server) to read. |
| ACF Unreachable(write) | Total number of attempts for Active Content Filter server (ICAP server) to write. |
| Reconnect attempts | Total number of reconnect attempts for ACF server (ICAP server). |
| Connection Timeout | Total number of connections timeout after reconnect attempts for ACF server (ICAP server). |
| Connection Failure Statistics | |
| Connection DHOST errors | Total number of DHOST errors in connection. |
| Connection CONNECT error | Total number of CONNECT errors in connection. |
| Socket open errors | Total number of errors due to SOCKET open in connection. |
| Connection bind errors | Total number of BIND errors in connection. |
| Connection setvr errors | Total number of SETVER errors in connection. |

| Field | Description |
|--|---|
| Connection NONBLOCK errors | Total number of NONBLOCK errors in connection. |
| Connection SHUTDOWN errors | Total number of SHUTDOWN errors in connection. |
| Incomplete 3-way handshaking | Total number of errors due to incomplete 3-way handshaking in TCP connection. |
| ACF Statistics | |
| ACF Requests Created | Total number of requests created for ACF. |
| Response Timeout | Total number of response timeout for requests to ACF. |
| Write request success | Total number of successful WRITE requests. |
| Write request failed | Total number of failed WRITE requests. |
| Read response success | Total number of successful READ response. |
| Read response failed | Total number of failed READ response. |
| HTTP Permit | Total number of HTTP URLs permitted from ACF. |
| WAP Permit | Total number of WAP URLs permitted from ACF. |
| HTTP Deny | Total number of HTTP URLs denied from ACF. |
| WAP Deny | Total number of WAP URLs denied from ACF. |
| HTTP Redirect | Total number of HTTP URLs redirected from ACF. |
| WAP Redirect | Total number of WAP URLs redirected from ACF. |
| RTSP Permit | Total number of RTSP URLs permitted from ACF. |
| RTSP Deny | Total number of RTSP URLs denied from ACF. |
| RTSP Redirect | Total number of RTSP URLs redirected from ACF. |
| Client Errors(4xx) | Total number of client ICAP response errors. |
| Server Errors(5xx) | Total number of server ICAP response errors. |
| Invalid ACTION | Total number of invalid ACTION message from ACF. |
| Redirect URL not defined | Total number of errors due to undefined redirect URL. |
| Buffer List Empty | Total number of errors due to empty buffer list. |
| Failure Action (communication failure with server-group): | |
| Permit | Total number of connections permitted after connection failure. |
| Content Insertion | Total number of connections with content inserted after connection failure. |

| Field | Description |
|--|---|
| Discard | Total number of connections discarded after connection failure. |
| Terminate Flow | Total number of connections terminated after connection failure. |
| Redirect URL | Total number of connections redirected after connection failure. |
| Total action taken | Total number of actions taken after connection failure. |
| Num pkts dropped for DENY | Total number of packets dropped after denying the connection due to failure in connection. |
| Num pkts dropped for REDIRECT | Total number of packets dropped after redirecting the connection due to failure in connection. |
| Num pkts dropped for DENY Timeout action | Total number of packets dropped after denying the connection due to timeout action. |
| Num pkts dropped for REDIRECT Timeout action | Total number of packets dropped after redirecting the connection due to timeout action. |
| Failure Action (communication with server-group not attempted): | ICAP stats indicating failure (like memory allocation failure, server connection error, etc) on ICAP before a request is sent to the ICAP server. |
| Permit | Total number of connections permitted after connection failure. |
| Content Insertion | Total number of connections with content inserted after connection failure. |
| Discard | Total number of connections discarded after connection failure. |
| Terminate Flow | Total number of connections terminated after connection failure. |
| Redirect URL | Total number of connections redirected after connection failure. |
| ACF Req Error Statistics | Statistics related to ACF request errors. |
| Host field Null | Total number of HTTP GET requests which has the host field NULL. |
| URL Invalid | Total number of nonblank URLs with strlen != 0 but URL having " ", \t, \n characters only. |
| Host same as ICAP server:port | Total number of HTTP GET requests with host same as the configured ICAP server port. |
| ACF Resp Parse Statistics | Statistics related to ACF response parsing. |
| Parse ACF resp success | Total number of successful ACF parse response. |
| Parse ACF resp ver err | Total number of successful ACF parse response version error. |
| Misc Statistics | Miscellaneous statistics. |

| Field | Description |
|---|--|
| Total pkts sent | Total number of packets sent through ICAP connection. |
| Invalid ACF group config | Total number of errors due to invalid CF Server Group (Active Content Filter server groups) configuration. |
| Invalid bind address | Total number of errors due to invalid binding address configuration. |
| Invalid ICAP address | Total number of errors due to invalid ICAP server addresses. |
| ICAP queue length statistics | |
| SessionMgr ID | Session Manager ID. |
| ICAP queue length | Queue size of outstanding ICAP requests per Session Manager. |
| Histogram of ICAP Server's Response time | |
| Response Time(ms) | Response time slots, in milliseconds. |
| No Of Responses | Number of responses per time slot. |

show active-charging credit-control misc-info max-backpressure

Table 31: show active-charging credit-control misc-info max-backpressure Command Output Descriptions

| Field | Description |
|-----------------------|---|
| Instance | The session manager instance number. |
| Max-backpressure | The maximum number of sessions that are in backpressured (unable to send message due to message queue being full) state for all active or specific session manager instance(s). |
| Time | The timestamp at which the maximum backpressure happened. |
| Current-Backpressured | Number of sessions that are currently in backpressured state. |
| Monitoring-time | The timestamp from when the backpressure monitoring is happening. This field helps to know when the last time reset is applied. |

show active-charging credit-control session-states

Table 32: show active-charging credit-control session-states Command Output Descriptions

| Field | Description |
|---------------------------|---|
| Charging | Number of sessions/categories in charging state. |
| NoCharge | Number of sessions/categories in free-of-charge (received 4011 at MSCC level) state. |
| Blacklist Service Denied | Number of sessions/categories in Service-Denied (received 4010 at MSCC level) state. |
| Blacklist Rating Failed | Number of sessions/categories in Rating-Failed (received 5031 at MSCC level) state. |
| Blacklist Auth Rejected | Number of sessions/categories in Auth-Rejected (received 5003 or 5012 at MSCC level) state. |
| Blacklist Limit Reached | Number of sessions/categories in Limit-Reached (received 4012 at MSCC level) state. |
| Blacklist Final Unit | Number of sessions/categories in FUI-Terminated state at MSCC level. |
| Blacklist Other | Number of sessions/categories in Blacklisted state after recovery. |
| Pending Initial Request | Number of sessions pending for Initial Credit-Control Answer from the server. |
| Pending Update Request | Number of sessions pending for Update Credit-Control Answer from the server. |
| Pending Terminate Request | Number of sessions pending for Terminate Credit-Control Answer from the server. |
| Pending Event Request | Number of sessions pending for Credit-Control Answer Event message from the server. |
| Backpressured | Number of sessions/categories in backpressured (unable to send message due to message queue being full) state. |
| Assume-Positive | Number of sessions currently in Assume Positive state. Important This statistic is customer-specific. For more information, please contact your local Cisco account representative. |

show active-charging credit-control statistics

Table 33: show active-charging credit-control statistics Command Output Descriptions

| Field | Description |
|-------------------------|---|
| Active Charging Service | Name of the Active Charging Service. |
| Credit Control Group | Name of the credit control group. This field is displayed only if there are credit control group(s) configured. |
| CC Session Stats | |
| Total Current Sessions | Total number of credit control sessions active. |
| Total ECS Adds | Total number of ECS sessions added to credit control application. |
| Total CC Starts | Total number of credit control sessions started. |
| Total Session Updates | Total number of credit control sessions updated. |
| Total Terminated | Total number of credit control sessions terminated. |
| CC Session Failovers | Total number of credit control sessions failed. |
| CC Message Stats | |
| Total Messages Received | Total number of credit control messages received. |
| Total Messages Sent | Total number of credit control messages sent. |
| Total CC Requests | Total number of Credit Control Request (CCR) messages that went out from system to the credit control server. The CCR can be Initial/Update or Terminate. |
| Total CC Answers | Total number of Credit Control Answer (CCA) messages that came into system from credit control server. |
| CCR-Initial | Total number of Initial Credit Control Request (CCR-Initial) messages that went out from system to the credit control server. |
| CCA-Initial | Total number of Initial Credit Control Answer (CCA-Initial) messages that came into system from Diameter Server. |
| CCA-Initial Accept | Total number of CCA-Initial-Accept (Initial Credit Control Answer sent and accepted) messages that came into system from Credit Control Server. |
| CCA-Initial Reject | Total number of CCA-Initial-Reject (Initial Credit Control Answer sent and rejected.) messages that came into system from credit control server. |

| Field | Description |
|----------------------|---|
| CCA-Initial Timeouts | Total number of CCA-Initial-Timeouts (Initial Credit Control Answer sent and timed out) messages that came into system from credit control server. |
| CCR-Update | Total number of CCR-Updates (Credit Control Request with Update) messages that went out from system to the credit control server. |
| CCA-Update | Total number of CCA-Update (Credit Control Answer for update) messages that came into system from credit control server. |
| CCA-Update Timeouts | Total number of CCA-Update Timeouts (Credit Control Answer for update sent and timed out) messages that came into system from credit control server. |
| CCR-Final | Total number of CCR-Final (Credit Control Request with Final) messages that went out from system to the credit control server. |
| CCA-Final | Total number of CCA-Final (Credit Control Answer for final update sent) messages that came into system from credit control server. |
| CCA-Final Timeouts | Total number of CCA-Final Timeouts (Credit Control Answer for final update sent and time-out) messages that came into system from credit control server. |
| CCR-Event | Total number of CCR-Event (Credit Control Request with Event) messages that went out from system to the credit control server. |
| CCA-Event | Total number of CCA-Event (Credit Control Answer for Event update sent) messages that came into system from credit control server. |
| CCA-Event Timeouts | Total number of times the tx-timer expired waiting for a CCA-Event message from the server. |
| ASR | Total number of Abort-Session Request messages came into system from credit control server. |
| ASA | Total number of Abort-Session Accept messages sent from system to credit control server. This message will be followed by a CCR-Terminate to terminate the session. |
| RAR | Total number of ReAuth Request messages that came into system from Diameter Server. |
| RAA | Total number of ReAuth Accept messages sent from system to Credit Control server. This message is followed by a CCR-Update to update the Credit Control server about the session. |
| CCA Dropped | Total number of Credit Control Answer (CCA) messages dropped by system. |

| Field | Description |
|---|--|
| CC Message Error Stats | |
| Diameter Protocol Errs | Total number of message errors due to Diameter protocol errors. |
| Transient Failures | Total number of errors that fall within the transient failures category are used to inform a peer that the request could not be satisfied at the time it was received, but may be able to satisfy the request in the future. The Result-Code data field contains 4xxx for Transient Failures. |
| Permanent Failures | Total number of errors that fall within the permanent failures category are used to inform the peer that the request failed, and should not be attempted again. The Result-Code data field contains 5xxx for Permanent Failures. |
| Bad Answers | Total number of message errors due to invalid responses. |
| Unknown Session Reqs | Total number of message errors due to invalid session requests. |
| Unknown Command Code | Total number of message errors due to invalid/unknown command code (ASR, RAR). |
| Request Timeouts | Total number of message errors due to request timeout. |
| Parse Errors | Total number of message errors due to parsing errors. |
| Unknown Rating Group | Total number of message errors due to invalid/unknown rating groups. Rating group is used to identify a particular type of traffic. |
| Unknown Rulebase | Total number of message errors due to invalid/unknown rulebase applied. |
| Unk Failure Handling | Total number of message errors due to invalid/unknown reasons. |
| Backpressure Stats | |
| CCR-I Messages | This counter gives the number of times backpressure got hit while creating a CCR-I message. |
| CCR-U Messages | This counter gives the number of times backpressure got hit while creating a CCR-U message. |
| CCR-T Messages | This counter gives the number of times backpressure got hit while creating a CCR-T message. |
| CCR-E Messages | This counter gives the number of times backpressure got hit while creating a CCR-E message. |
| CC Update Reporting Reason Stats | |

| Field | Description |
|-----------------------------------|--|
| Threshold | <p>For each of the rating group, the credit control server send a threshold (this is also configurable in a system) after which a update needs to be sent.</p> <p>For example, a subscriber quota of 1000 bytes with 900 as threshold is sent to credit control application. When 900 bytes have consumed by the system, an update message is sent for quota.</p> <p>This counter gives the number of updates sent because of threshold.</p> |
| QHT | Total number of credit control updates sent due to expiry of Quota Hold Timer (QHT). |
| Final | Total number of credit control updates sent due to expiry of final unit of quota. |
| Quota Exhausted | Total number of credit control updates sent due to subscriber quota getting exhausted. |
| Validity Time | Total number of credit control updates sent because of the session validity time expired. |
| Other Quota | Total number of credit control updates sent due to request for additional quota for subscriber. |
| Rating Condition Change | Total number of credit control updates sent due to change in RAT/QOS/SGSN/CELLID/LAC. |
| Forced Reauthorization | Total number of credit control updates sent due to RAR. |
| TITSU Time | This counter is incremented when the RADIUS online access-request is triggered because the Time Interval after TariffSwitchUpdate expired. |
| CC Termination Cause Stats | |
| Diameter Logout | Total number of Credit Control Application session(s) terminated due to subscriber logout. |
| Service Not Provided | Total number of Credit Control Application session(s) terminated as service was not available. |
| Bad Answer | Total number of Credit Control Application session(s) terminated due to invalid/unknown response received. |

| Field | Description |
|---------------------------|--|
| Administrative | <p>The total number of sessions disconnected due to any of the following reasons:</p> <ul style="list-style-type: none"> • Sessions disconnected when the Administrator issues the clear subscribers all CLI command. • Sessions disconnected by ECS due to any of the following reasons: <ul style="list-style-type: none"> • Bearer does not contain active rules—when the last bearer has no rules left as part of some PCRF trigger. • Charging-action has the flow action parameter configured as terminate-session. • Sessions disconnected by the Diameter Credit Control Application (DCCA) due to any of the following reasons: <ul style="list-style-type: none"> • Result code 4010 or 4012 is received at the command level, and for CCR-Initial and CCR-Update Credit Control Failure Handling (CCFH) is configured as Terminate or Retry-and-Terminate. • Result code 5003 or 5030 is received at the command level. • Abort-Session-Request message is received. |
| Link Broken | Total number of Credit Control Application session(s) terminated due to broken/down link. |
| Auth Expired | Total number of Credit Control Application session(s) terminated due to authorization of subscriber expired. |
| User Moved | Total number of Credit Control Application session(s) terminated as subscriber moved out of service area. |
| Session Timeout | Total number of Credit Control Application session(s) terminated due to timeout. |
| CCBad Answer Stats | |
| Auth-Application-Id | Indicates the absence or unexpected value in Auth-Application-Id AVP. |
| Session-Id | Indicates the absence or unexpected value in Session-Id AVP. |
| CC-Request-Number | Indicates the absence or unexpected value in CC-Request-Number AVP. |
| CC-Request-Type | Indicates the absence or unexpected value in CC-Request-Type AVP. |

| Field | Description |
|----------------------------------|--|
| Origin-Host | Indicates the absence of Origin-Host AVP. |
| Origin-Realm | Indicates the absence of Origin-Realm AVP. |
| Parse-Message-Errors | Indicates the total number of parse errors in the message. |
| Parse-Mscs-Errors | Indicates the total number of parse errors in MSCS AVP. |
| Misc | Indicates the total number of other miscellaneous errors. |
| CC Traffic Category Stats | |
| Category Creates | The total traffic categories created. |
| Category Deletes | The total traffic categories deleted. |
| Category Lookups | The total traffic categories available. |
| Hits | The total traffic categories triggered. |
| Misses | The total traffic categories triggered and missed. |
| Trigger Events | The total traffic categories triggered. |
| Final Unit Consumed | The total units consumed by subscriber during session. |
| MSCS GSU Null Grant | The total number of GSUs with zero grant (null quota). |
| MSCS FUI Redirect | The total number of HTTP redirections (FUIs with redirect and redirect address received). |
| Category Success | The total number of successful traffic category sessions. |
| Rating Failed | The total Rating Groups failed during session. |
| Service Denied | The total number of services denied during session. |
| Limit Reached | The total number of events when subscriber reached quota limit. |
| Auth Rejected | The total number of authorization rejected. |
| Other Errors | The total number of miscellaneous/unknown errors not specified by system. |
| CCA Initial Message Stats | |
| Result Code 2001 | This counter shows how many CCA-I messages have been received with a Diameter Result-Code=2001 at command level. |
| Result Code 5003 | This counter shows how many CCA-I messages have been received with a Diameter Result-Code=5003 at command level. |
| Result Code 4011 | This counter shows how many CCA-I messages have been received with a Diameter Result-Code=4011 at command level. |

| Field | Description |
|-----------------------------------|---|
| Result Code 4012 | This counter shows how many CCA-I messages have been received with a Diameter Result-Code=4012 at command level. |
| Result Code 5031 | This counter shows how many CCA-I messages have been received with a Diameter Result-Code=5031 at command level. |
| CCA Update Message Stats | |
| Result Code 2001 | This counter counts how many CCA-U messages have been received with a Diameter Result-Code=2001 at command level. |
| Result Code 5003 | This counter counts how many CCA-U messages have been received with a Diameter Result-Code=5003 at command level. |
| Result Code 4011 | This counter counts how many CCA-U messages have been received with a Diameter Result-Code=4011 at command level. |
| Result Code 4012 | This counter counts how many CCA-U messages have been received with a Diameter Result-Code=4012 at command level. |
| Result Code 5031 | This counter counts how many CCA-U messages have been received with a Diameter Result-Code=5031 at command level. |
| CCA Event Message Stats | |
| Result Code 2001 | This counter counts how many CCA-Event messages have been received with a Diameter Result-Code=2001 at command level. |
| Other Result Codes | This counter counts how many CCA-Event messages have been received with a Diameter Result-Code other than 2001 at command level. |
| Failure Handling Stats | |
| Action-Terminated | This counter counts how many times the DCCA failure handling with action terminate has been invoked in each measurement interval. |
| Action-Continue | This counter counts how many times the DCCA failure handling with action continue has been invoked in each measurement interval. |
| Offline Active Sessions | This counter counts the current number of active data sessions that are converted from online to offline charging due to DCCA failure handling actions. |
| CCA Result Code 2xxx Stats | |
| Result Code 2xxx | This counter counts how many CCA messages have been received with a Diameter Result-Code in the range of 2000 to 2999 at command level. |

| Field | Description |
|---|---|
| Result Code 2001 | This counter counts how many CCA messages have been received with a Diameter Result-Code=2001 at command level. |
| Result Code 2002 | This counter counts how many CCA messages have been received with a Diameter Result-Code=2002 at command level. |
| CCA Result Code 4xxx Stats | |
| Result Code 4001 | This counter counts how many CCA messages have been received with a Diameter Result-Code=4001 at command level. |
| Result Code 4002 | This counter counts how many CCA messages have been received with a Diameter Result-Code=4002 at command level. |
| Result Code-4010 | This counter counts how many CCA messages have been received with a Diameter Result-Code=4010 at command level. |
| Result Code 4011 | This counter counts how many CCA messages have been received with a Diameter Result-Code=4011 at command level. |
| Result Code 4012 | This counter counts how many CCA messages have been received with a Diameter Result-Code=4012 at command level. |
| CCA Result Code 5xxx Stats | |
| Result Code 5001 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5001 at command level. |
| Result Code 5002 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5002 at command level. |
| Result Code 5003 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5003 at command level. |
| Result Code 5004 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5004 at command level. |
| Result Code 5005 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5005 at command level. |
| Result Code 5006 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5006 at command level. |
| Result Code 5031 | This counter counts how many CCA messages have been received with a Diameter Result-Code=5031 at command level. |
| All Other Result Codes | This counter counts how many CCA messages have been received with all other Diameter Result-Codes. |
| CCA Initial Experimental Result Code Stats | |

| Field | Description |
|---|--|
| Exp Result Code 5199 | <p>This counter indicates the number of times the Experimental-Result-Code "DIAMETER_NEWER_SESSION_DETECTED (5199)" is received in the Credit Control response message.</p> <p>This result code is introduced in Release 19 to maintain session uniqueness and avoid stale message processing.</p> <p>Important Maintaining Session Uniqueness is a customer-specific feature. For more information, contact your Cisco account representative.</p> |
| OCS Unreachable Stats | |
| Tx-Expiry | This counter indicates how many server-unreachable actions are triggered after tx-expiry. |
| Response-TimeOut | This counter indicates how many server-unreachable actions are triggered after Response-Timeout. |
| Connection-Failure | This counter indicates how many server-unreachable behaviours are triggered after the server connection failure. |
| Action-Continue | This counter indicates how many times the DCCA failure handling with action continue has been invoked in each measurement interval after attaining Server-Unreachable State. |
| Action-Terminated | This counter indicates how many times the DCCA failure handling with action terminate has been invoked in each measurement interval after attaining Server-Unreachable State. |
| Server Retries | This counter indicates the total number of times the retries to the Diameter server were attempted. |
| Assumed-Positive Sessions | |
| Important This statistic is customer-specific. For more information, please contact your local Cisco account representative. | |
| Current | <p>This counter indicates the current number of sessions in Assume Positive state.</p> <p>Important This is a customer-specific field.</p> |
| Cumulative | <p>This counter indicates the cumulative sessions in Assume Positive state.</p> <p>Important This is a customer-specific field.</p> |
| HDD Stats | |
| CCR-T | This counter indicates the total number of records written to Hard Disk Drive (HDD) per Credit-Control group. |

show active-charging database uidh

Table 34: show active-charging database uidh Command Output Descriptions

| Field | Description |
|-------------------------|--|
| UIDH Databases | Specifies the UIDH Database. |
| URL-Host Database | Specifies the UIDH URL Host Database |
| Source File | Species the databases source file |
| Database Status | Specifies the status of the database |
| Version | Specifies the database version. |
| Number of entries in DB | Specifies the name of database entries. |
| Last Upgrade Status | Specifies when the database was last upgraded. |

show active-charging dns-learnt-ip-addresses statistics sessmgr instance <instance> verbose

Table 35: show active-charging dns-learnt-ip-addresses statistics sessmgr instance <instance> verbose Command Output Descriptions

| Field | Description |
|------------------|--|
| Sessmgr Instance | The Session Manager instance number. |
| Pattern | <p>The domain name pattern.</p> <p>Important In releases prior to 14.0, this field displays information about all configured patterns even though the pattern has not learnt any IP address. In 14.0 and later releases, this field displays only the patterns for which at least one IPv4/IPv6 address and CNAMEs are learnt. That is, the DNS Snooping pools are displayed only if there are learnt IP for the pool.</p> |
| Rulebase | <p>The ACS rulebase name.</p> <p>Important In releases prior to 14.0, this field displays the name of all configured rulebases even though the pattern has not learnt any IP address. In 14.0 and later releases, this field displays only the rulebase name for the patterns for which at least one IPv4/IPv6 address and CNAMEs are learnt. That is, the DNS Snooping pools are displayed only if there are learnt IP for the pool.</p> |

| Field | Description |
|-------------------------------|---|
| List of CNAMEs | The list of canonical names. |
| Destination Context | Name of the destination context. |
| Total-ipv4-entries | Total number of new IPv4 addresses received (learnt). |
| Ipv4-Entries-flushed | Total number IPv4 entries with TTL expired (flushed). |
| Ipv4-TTL-replaced | Total number of IPv4 entries with TTL value replaced with new value. |
| Ipv4-Overflows | Total number of IPv4 overflows. Ipv4-Overflows will start incrementing when maximum limit of 51200 across system is reached OR limit of 200 per pattern is reached. |
| Total-ipv6-entries | Total number of new IPv6 addresses received (learnt). |
| Ipv6-Entries-flushed | Total number IPv6 entries with TTL expired (flushed). |
| Ipv6-TTL-replaced | Total number of IPv6 entries with TTL value replaced with new value. |
| Ipv6-Overflows | Total number of IPv6 overflows. Ipv6-Overflows will start incrementing when maximum limit of 25600 across system is reached OR limit of 100 per pattern is reached. |
| Ipv4 Address TTL (in secs) | The list of learnt IPv4 addresses, and the TTL, in seconds. |
| Ipv6 Address TTL (in secs) | The list of learnt IPv6 addresses, and the TTL, in seconds. |
| Summary | |
| Total learnt ipv4 entries | A summary of the total number of new IPv4 addresses received (learnt). Important This field is available only in StarOS 12.2 and in StarOS 14.0 and later releases. |
| Total learnt ipv6 entries | A summary of the total number of new IPv6 addresses received (learnt). Important This field is available only in StarOS 12.2 and in StarOS 14.0 and later releases. |

show active-charging edr-format all

Table 36: show active-charging edr-format all Command Output Descriptions

| Field | Description |
|---------------------------|--|
| Service Name | Name of the Active Charging Service. |
| EDR Format Name | Name of the configured EDR format. |
| Attribute | Attribute information configured in specific EDR format. |
| Total edr-format(s) found | The total number of configured existing EDR formats. |

show active-charging edr-format statistics

Table 37: show active-charging edr-format statistics Command Output Descriptions

| Field | Description |
|----------------------------------|---|
| Total edr-formats | The total number of EDR formats configured. |
| Total edrs generated | The total number of EDRs generated. |
| Total edrs truncated | The total number of EDRs truncated. |
| Total NAT bind records generated | The total number of Network Address Translation (NAT) bind records generated. The field is only displayed, if configured, in 8.3 and later releases. |

show active-charging edr-udr-file flow-control-counters

Table 38: show active-charging edr-udr-file flow-control-counters Command Output Descriptions

| Field | Description |
|--|--|
| Num of Times Flow Control initiated | Total number of times the flow control initiated. |
| Num of Outstanding Messages | Total number outstanding messages for flow control. |
| Num of unsent Messages | Total number unsent messages for flow control. |
| Num of CDR records Discarded due to flow control | Total number of charging detail records (CDRs) discarded due to flow control action. |
| Last flow control occurrence | Date and time of the last occurrence of flow control action. |

show active-charging edr-udr-file statistics

Table 39: show active-charging edr-udr-file statistics Command Output Descriptions

| Field | Description |
|--|--|
| EDR-UDR file Statistics | |
| CDRMOD Instance Id | The CDRMOD instance identifier. |
| Overall Statistics | |
| Files rotated | Total number of EDR and UDR files rotated. |
| Files rotated due to volume limit | Total number of EDR and UDR files rotated due to volume limit. |
| Files rotated due to time limit | Total number of EDR and UDR files rotated due to time limit. |
| Files rotated due to records limit | Total number of files rotated because of record limits. |
| File rotation failures | Total number of times rotation failed for EDR and UDR file. |
| Files deleted | Total number of EDR and UDR files deleted. |
| Records deleted | Total number of records deleted. |
| Records received | Total number of records received. |
| Files received | Total number of EDR and UDR files received by service. |
| Current open files | Total number of EDR and UDR files open. |
| Time of last file deletion | Date and time of last EDR/UDR file deleted. |
| EDR Specific Statistics | |
| EDR files rotated | Total number of EDR files rotated. |
| EDR files rotated due to volume limit | Total number of EDR files rotated due to volume limit. |
| EDR files rotated due to time limit | Total number of EDR files rotated due to time limit. |
| EDR files rotated due to records limit | Total number of EDR files rotated due to records limit |
| EDR file rotation failures | Total number of rotation failed for EDR file. |
| EDR files deleted | Total number of EDR files deleted. |
| EDR records deleted | Total number of EDR records deleted. |
| EDR records received | Total number of EDR records received. |
| Current open EDR files | Total number of EDR files open. |
| Time of last EDR file deletion | Date and time of last EDR file deleted. |

| Field | Description |
|---|---|
| UDR Specific Statistics | |
| UDR files rotated | Total number of UDR files rotated. |
| UDR files rotated due to volume limit | Total number of UDR files rotated due to volume limit. |
| UDR files rotated due to time limit | Total number of UDR files rotated due to time limit. |
| UDR files rotated due to records limit | Total number of UDR files rotated due to records limit. |
| UDR files rotation failures | Total number of rotation failed for UDR file. |
| UDR files deleted | Total number of UDR files deleted. |
| UDR records deleted | Total number of UDR records deleted. |
| UDR records received | Total number of UDR records received. |
| Current open UDR files | Total number of UDR files open. |
| Time of last UDR file deletion | Date and time of last UDR file deletion. |
| EDR-UDR PUSH Statistics | |
| Overall Statistics | |
| Primary Server Statistics | |
| Secondary Server Statistics | |
| Successful File Transfers | Total number of successful file transfers. |
| Failed File Transfers | Total number of failed file transfers. |
| Num of times PUSH initiated | Total number of times an EDR/UDR push attempt was initiated. |
| Num of times PUSH Failed | Total number of times an EDR/UDR push attempt failed. |
| Num of times PUSH cancelled due to HD failure | Total number of times EDR/UDR push was cancelled due to hard disk failures. |
| Num of periodic PUSH | Total number of periodic push. |
| Num of manual PUSH | Total number of manual push. |
| Current status of PUSH | Current status of push: Running/Not Running |
| Last completed PUSH time | The date and time the last push completed. |

show active-charging firewall statistics

Table 40: show active-charging firewall statistics Command Output Descriptions

| Field | Description |
|--|--|
| Firewall Statistics for context | Name of the context. |
| Data Stats: | |
| Total Packets Received | Total number of packets received by Stateful Firewall. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of uplink packets dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of uplink bytes dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of downlink packets dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of downlink bytes dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |
| Total NAT Flows Processed by Firewall | Total number of NAT flows processed by Stateful Firewall. |
| Total NAT44 Flows Processed by Firewall | Total number of NAT44 flows processed by Stateful Firewall. |
| Total NAT64 Flows Processed by Firewall | Total number of NAT64 flows processed by Stateful Firewall. |
| Total Bypass-NAT Flows Processed by Firewall | Total number of Bypass-NAT flows processed by Stateful Firewall. |
| Total Bypass-NAT44 Flows Processed by Firewall | Total number of Bypass-NAT44 flows processed by Stateful Firewall. |
| Total Bypass-NAT64 Flows Processed by Firewall | Total number of Bypass-NAT64 flows processed by Stateful Firewall. |
| Current Flows Processed by Firewall | Current number of flows processed by Stateful Firewall. |

| Field | Description |
|--|--|
| Current NAT Flows Processed by Firewall | Current number of NAT flows processed by Stateful Firewall. |
| Current NAT44 Flows Processed by Firewall | Current number of NAT44 flows processed by Stateful Firewall. |
| Current NAT64 Flows Processed by Firewall | Current number of NAT64 flows processed by Stateful Firewall. |
| Current Bypass-NAT Flows Processed by Firewall | Current number of Bypass-NAT flows processed by Stateful Firewall. |
| Current Bypass-NAT44 Flows Processed by Firewall | Current number of Bypass-NAT44 flows processed by Stateful Firewall. |
| Current Bypass-NAT64 Flows Processed by Firewall | Current number of Bypass-NAT64 flows processed by Stateful Firewall. |

show active-charging firewall statistics nat-realm

Table 41: show active-charging firewall statistics nat-realm Command Output Descriptions

| Field | Description |
|------------------------------------|--|
| Firewall Statistics for NAT-realm | The NAT realm name for which the statistics are displayed. |
| Data Stats: | |
| Total Packets Received | Total number of packets received by the NAT realm. |
| Total Bytes Received | Total number of bytes received by the NAT realm. |
| Total Packets Sent | Total number of packets sent by the NAT realm. |
| Total Bytes Sent | Total number of bytes sent by the NAT realm. |
| Total Packets Injected | Total number of packets injected by the NAT realm. |
| Total Bytes Injected | Total number of bytes injected by the NAT realm. |
| Uplink Packets Dropped | Total number of uplink packets dropped by the NAT realm. |
| Uplink Bytes Dropped | Total number of uplink bytes dropped by the NAT realm. |
| Downlink Packets Dropped | Total number of downlink packets dropped by the NAT realm. |
| Downlink Bytes Dropped | Total number of downlink bytes dropped by the NAT realm. |
| Total Malformed Packets | Total number of malformed packets detected by the NAT realm. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by the NAT realm. |
| Total Flows Processed by NAT-realm | Total number of flows processed by the NAT realm. |

show active-charging firewall statistics verbose

Table 42: show active-charging firewall statistics verbose Command Output Descriptions

| Field | Description |
|---|--|
| Firewall Statistics for Context | Name of the context. |
| IP Stats: | |
| Land Attacks | Total number of Land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of Jolt attacks detected by Stateful Firewall. |
| Teardrop Attacks | Total number of Teardrop attacks detected by Stateful Firewall. |
| Zero Length IP Option | Total number of Zero-length IP option attacks detected by Stateful Firewall. |
| IP Source-router Attacks | Total number of IP Source-router attacks detected by Stateful Firewall. |
| Packets with IP-Unaligned-Timestamp | Total number of packets with IP unaligned timestamps detected by Stateful Firewall. |
| Packets with Short IP Header Length | Total number of packets with short IP header length detected by Stateful Firewall. |
| Packets Dropped due to IP Checksum Errors | Total number of packets dropped due to IP Checksum error. |
| Downlink Dropped Bytes on IP Reassembly Failure | Total number of downlink bytes dropped on IP Reassembly failure. |
| Uplink Dropped Bytes on IP Reassembly Failure | Total number of uplink bytes dropped on IP Reassembly failure. |
| TCP Stats: | |
| Data Packets Received After RST/FIN | Total number of data packets received after receiving RST (reset) request by Stateful Firewall. |
| Invalid SEQ Number Received with RST | Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall. |
| Data without Connection Established | Total number of data packets received before the establishment of connection by Stateful Firewall. |
| Invalid TCP Connection Requests | Total number of invalid TCP connection requests received by Stateful Firewall. |
| Invalid TCP pre-connection Requests | Total number of invalid TCP pre-connection requests received by Stateful Firewall. |
| Invalid ACK Value (Cookie Enabled) | Total number of invalid ACK values (to enable cookies) received by Stateful Firewall. |

| Field | Description |
|--|--|
| Invalid TCP Packet Length | Total number of TCP packets with invalid length received by Stateful Firewall. |
| Packets with Short TCP Header Length | Total number of TCP packets with invalid/short header length received by Stateful Firewall. |
| Packets Dropped due to TCP Checksum Errors | Total number of packets dropped due to TCP Checksum error. |
| Packets with SEQ/ACK Out-of-range | Total number of packets with out of range SEQ/ACK. |
| TCP Null Scan Attacks | Total number of TCP Null Scan attacks detected by Stateful Firewall. |
| Post Connection SYN | Total number of Post Connection SYN attacks detected by Stateful Firewall. |
| Unable to Send SYN Packet | Total number of attempts detected by Stateful Firewall when node failed to send SYN packets. |
| Send Final ACK to Target Failed | Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node. |
| Invalid TCP Packet: SYN-ACK Expected | Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets. |
| No TCP Flags Set | Total number of TCP packets received with no flags set. |
| All TCP Flags Set | Total number of TCP flags received with all flags set. |
| Invalid TCP Packets | Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall. |
| Flows Closed by RST before 3-Way Handshake | Total number flows closed by RST (reset) message before the 3-way handshaking. |
| Flows Timed-out in SYN_RCVD1 State | Total number of flows timed out in SYN_RCVD1 state. |
| Flows Timed-out in SYN_RCVD2 State | Total number of flows timed out in SYN_RCVD2 state. |
| Flows Terminated due to WinNuke Attack | Total number of flows terminated due to WinNuke attacks by Stateful Firewall. |
| TCP-SYN Flood Attacks | Total number of TCP-SYN Flood attacks detected by Stateful Firewall. |
| Packets Dropped on TCP-SYN Flood Attack | Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks. |
| FTP-Bounce Attacks | Total number of FTP-Bounce attacks detected by Stateful Firewall. |
| Mime-Flood Attacks | Total number of Mime-Flood attacks detected by Stateful Firewall. |
| Proxy Handshakes Completed | Total number of times proxy handshake was completed. |

| Field | Description |
|--|---|
| Packets Dropped due to source port zero | Total number of packets dropped due to source port zero error. |
| SYN Packets Dropped due to ECE/CWR Set | Total number of SYN packets dropped due to ECE/CWR Flags Set. |
| Packets Dropped on TCP-SYN IP-Sweep Attack (DL/UL) | Total number of packets dropped due to TCP-SYN IP sweep attacks in downlink and uplink direction. |
| UDP Stats: | |
| Invalid UDP Echo Response | Total number of invalid UDP echo responses. |
| Invalid UDP Packet Length | Total number of invalid UDP packet length. |
| Packets Dropped due to UDP Checksum Errors | Total number of packets dropped due to UDP Checksum errors. |
| Packets with Short UDP Header Length | Total number of packets with short UDP header length. |
| Packets Dropped on UDP Flood Attack | Total number of packets dropped by Stateful Firewall in UDP flood attacks. |
| Packets Dropped due to exceeding ICMP dest unreachable threshold | Total number of packets dropped due to exceeding ICMP destination unreachable threshold. |
| Packets Dropped on UDP IP-Sweep Attack (DL/UL) | Total number of packets dropped due to UDP IP sweep attacks in downlink and uplink direction. |
| ICMP Stats: | |
| Invalid ICMP Response | Total number of invalid ICMP responses. |
| ICMP Reply Error | Total number of ICMP reply errors. |
| Invalid ICMP Type Packet | Total number of invalid ICMP type packets. |
| ICMP Error Message Replay Attacks | Total number of ICMP error message replay attacks detected by Stateful Firewall. |
| ICMP Packets with Duplicate Sequence Number | Total number of ICMP packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |
| Invalid ICMP Packet Length | Total number of packets with invalid ICMP packet length. |
| Packets Dropped on ICMP Flood Attack | Total number of packets dropped by Stateful Firewall in ICMP flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMP Checksum Errors | Total number of packets dropped due to ICMP Checksum error. |
| ICMP Packets With Destination Unreachable Message | Total number of ICMP packets with destination unreachable message. |

| Field | Description |
|---|--|
| ICMP Echo Packets Dropped due to ID Zero | Total number of ICMP echo packets dropped due to zero ID. |
| Packets Dropped on ICMP IP-Sweep Attack (DL/UL) | Total number of packets dropped due to ICMP IP sweep attacks in downlink and uplink direction. |
| ICMPv6 Stats: | |
| Invalid ICMPv6 Response | Total number of invalid ICMPv6 responses. |
| ICMPv6 Reply Error | Total number of ICMPv6 reply errors. |
| Invalid ICMPv6 Type Packet | Total number of invalid ICMPv6 type packets. |
| ICMPv6 Error Message Replay Attacks | Total number of ICMPv6 error message replay attacks detected by Stateful Firewall. |
| ICMPv6 Packets with Duplicate Sequence Number | Total number of ICMPv6 packets with duplicate sequence numbers. |
| Packets with Short ICMPv6 Header Length | Total number of packets with short ICMPv6 header length. |
| Invalid ICMPv6 Packet Length | Total number of packets with invalid ICMPv6 packet length. |
| Packets Dropped on ICMPv6 Flood Attack | Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMPv6 Checksum Errors | Total number of packets dropped due to ICMPv6 Checksum error. |
| ICMPv6 Packets With Destination Unreachable Message | Total number of ICMPv6 packets with destination unreachable message. |
| ICMPv6 Echo Packets Dropped due to ID Zero | Total number of ICMPv6 echo packets dropped due to zero ID. |
| IPv6 Stats: | |
| Land Attacks | Total number of land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of jolt attacks detected by Stateful Firewall. |
| Teardrop Attacks | Total number of teardrop attacks detected by Stateful Firewall. |
| Invalid IP Option Length | Total number of packets with invalid IP option length. |
| IPv6 Source-router Attacks | Total number of IPv6 source-router attacks detected by Stateful Firewall. |
| Packets with Short IPv6 Header Length | Total number of packets with short IPv6 header length detected by Stateful Firewall. |
| Packets with Nested Fragmentation Header | Total number of packets with nested fragmentation header. |

| Field | Description |
|--|---|
| Packets with Unspecified IPv6 Address | Total number of packets with unspecified IPv6 address. |
| Packets with invalid Payload Length | Total number of packets with invalid payload length. |
| Packets with more than threshold Extension Headers | Total number of packets with more than threshold extension headers. |
| Packets with invalid Hop By Hop Extension Header | Total number of packets with invalid hop by hop extension header. |
| Packets with ICMPv4 in IPv6 Header | Total number of packets with ICMPv4 in IPv6 header. |
| Packets with invalid Destination Extension Header | Total number of packets with invalid destination extension header. |
| Downlink Dropped Bytes on IPv6 Reassembly Failure | Total number of downlink bytes dropped on IPv6 Reassembly failure. |
| Uplink Dropped Bytes on IPv6 Reassembly Failure | Total number of uplink bytes dropped on IPv6 Reassembly failure. |
| General Stats: | |
| Packets without Any Data Received | Total number of packets received without any data. |
| No Matching Uplink Ruledef | Total number of uplink packets with no matching ruledef. |
| No Matching Downlink Ruledef | Total number of downlink packets with no matching ruledef. |
| Deny Ruledef Matched | Total number of times deny ruledef was matched. |
| Packets Dropped due to No Ruledef in Rulebase | Total number of packets dropped due to no ruledef in rulebase. Important This field is deprecated in release 15.0 and later releases. |
| Packets Dropped due to Miscellaneous Errors | Total number of packets dropped due to miscellaneous errors. |
| Flows Timed-out | Total number of flows that timed out. |
| Flows Not Established from External Network | Total number of flows from external networks that were not established. |
| Max Flows Limit Reached | Total number of times the maximum flows limit was reached. |
| ALG statistics: | |
| Packets dropped by SIP ALG | Total number of packets dropped by SIP ALG. |
| Packets injected by SIP ALG | Total number of packets injected by SIP ALG. |
| NAT Packet Dropped Statistics: | |
| Packets dropped due to NAT no available IP/port | Total number of packets dropped due to non-availability of NAT IP/port. |

| Field | Description |
|--|--|
| Packets dropped due to NAT binding allocation failure | Total number of packets dropped due to NAT binding allocation failure. |
| Packets dropped due to NAT Translation failed on unsupported ICMP code | Total number of packets dropped due to NAT Translation failed on unsupported ICMP code. |
| Packets dropped due to NAT Translation failed on invalid Param Problem | Total number of packets dropped due to NAT Translation failed on invalid param problem. |
| Packets dropped due to IPv6 routing header with non-zero segments left | Total number of packets dropped due to IPv6 routing header with non-zero segments left. |
| Packets dropped due to Unsupported Embedded IPv4 Address | Total number of packets dropped due to unsupported embedded IPv4 address. |
| Packets dropped due to Destination IPv6 Prefix Mismatch | Total number of packets due to IPv6 prefix mismatch for a given destination. |
| Packets dropped due to MAX port chunks reached | Total number of packets dropped due to reaching the maximum number of port chunks usage limit. |
| Packets dropped due to non-availability of port chunks | Total number of packets dropped due to non-availability of port chunks. |
| Data Stats: | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets (NAT64 Translation) | Total number of packets reduced by NAT64 translation. |
| Total Bytes Reduced (NAT64 Translation) | Total number of bytes reduced by NAT64 translation. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |

| Field | Description |
|--|--|
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |
| Total NAT Flows Processed by Firewall | Total number of NAT flows processed by Stateful Firewall. |
| Total NAT44 Flows Processed by Firewall | Total number of NAT44 flows processed by Stateful Firewall. |
| Total NAT64 Flows Processed by Firewall | Total number of NAT64 flows processed by Stateful Firewall. |
| Total Bypass-NAT Flows Processed by Firewall | Total number of Bypass-NAT flows processed by Stateful Firewall. |
| Total Bypass-NAT44 Flows Processed by Firewall | Total number of Bypass-NAT44 flows processed by Stateful Firewall. |
| Total Bypass-NAT64 Flows Processed by Firewall | Total number of Bypass-NAT64 flows processed by Stateful Firewall. |
| Current Flows Processed by Firewall | Current number of flows processed by Stateful Firewall. |
| Current NAT Flows Processed by Firewall | Current number of NAT flows processed by Stateful Firewall. |
| Current NAT44 Flows Processed by Firewall | Current number of NAT44 flows processed by Stateful Firewall. |
| Current NAT64 Flows Processed by Firewall | Current number of NAT64 flows processed by Stateful Firewall. |
| Current Bypass-NAT Flows Processed by Firewall | Current number of Bypass-NAT flows processed by Stateful Firewall. |
| Current Bypass-NAT44 Flows Processed by Firewall | Current number of Bypass-NAT44 flows processed by Stateful Firewall. |
| Current Bypass-NAT64 Flows Processed by Firewall | Current number of Bypass-NAT64 flows processed by Stateful Firewall. |

show active-charging firewall statistics protocol icmp verbose

Table 43: show active-charging firewall statistics protocol icmp verbose Command Output Descriptions

| Field | Description |
|--|---|
| Firewall Statistics for Protocol: ICMP | |
| ICMP Stats | |
| Invalid ICMP Response | Total number of invalid ICMP responses. |
| ICMP Reply Error | Total number of ICMP reply errors. |

| Field | Description |
|---|--|
| Invalid ICMP Type Packet | Total number of invalid ICMP type packets. |
| ICMP Error Message Replay Attacks | Total number of ICMP error message replay attacks detected by Stateful Firewall. |
| ICMP Packets with Duplicate Sequence Number | Total number of ICMP packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |
| Invalid ICMP Packet Length | Total number of packets with invalid ICMP packet length. |
| Packets Dropped on ICMP Flood Attack | Total number of packets dropped by Stateful Firewall in ICMP flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMP Checksum Errors | Total number of packets dropped due to ICMP Checksum error. |
| ICMP Packets With Destination Unreachable Message | Total number of ICMP packets with destination unreachable message. |
| ICMP Echo Packets Dropped due to ID Zero | Total number of ICMP echo packets dropped due to zero ID. |
| Data Stats | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |

| Field | Description |
|---------------------------------------|---|
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |
| Total NAT Flows Processed by Firewall | Total number of NAT flows processed by Stateful Firewall. |

show active-charging firewall statistics protocol icmpv6 verbose

Table 44: show active-charging firewall statistics protocol icmpv6 verbose Command Output Descriptions

| Field | Description |
|---|--|
| Firewall Statistics for Protocol: ICMPv6 | |
| ICMPv6 Stats | |
| Invalid ICMPv6 Response | Total number of invalid ICMPv6 responses. |
| ICMPv6 Reply Error | Total number of ICMPv6 reply errors. |
| Invalid ICMPv6 Type Packet | Total number of invalid ICMPv6 type packets. |
| ICMPv6 Error Message Replay Attacks | Total number of ICMPv6 error message replay attacks detected by Stateful Firewall. |
| ICMPv6 Packets with Duplicate Sequence Number | Total number of ICMPv6 packets with duplicate sequence numbers. |
| Packets with Short ICMPv6 Header Length | Total number of packets with short ICMPv6 header length. |
| Invalid ICMPv6 Packet Length | Total number of packets with invalid ICMPv6 packet length. |
| Packets Dropped on ICMPv6 Flood Attack | Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMPv6 Checksum Errors | Total number of packets dropped due to ICMPv6 Checksum error. |
| ICMPv6 Packets With Destination Unreachable Message | Total number of ICMPv6 packets with destination unreachable message. |
| ICMPv6 Echo Packets Dropped due to ID Zero | Total number of ICMPv6 echo packets dropped due to zero ID. |
| Data Stats | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |

| Field | Description |
|---------------------------------------|--|
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |
| Total NAT Flows Processed by Firewall | Total number of NAT flows processed by Stateful Firewall. |

show active-charging firewall statistics protocol ip verbose

Table 45: show active-charging firewall statistics protocol ip verbose Command Output Descriptions

| Field | Description |
|--|---|
| Firewall Statistics for Protocol IP in Context | Name of the context. |
| IP Stats: | |
| Land Attacks | Total number of Land attacks detected. |
| Jolt Attacks | Total number of Jolt attacks detected. |
| Teardrop Attacks | Total number of Teardrop attacks detected. |
| Zero Length IP Option | Total number of Zero-length IP Option attacks detected. |
| IP Source-router Attacks | Total number of IP Source-router attacks detected. |
| Packets with IP-Unaligned-Timestamp | Total number of packets with IP-Unaligned-Timestamp. |
| Packets with Short IP Header Length | Total number of packets with short IP header length. |

| Field | Description |
|---|--|
| Packets Dropped due to IP Checksum Errors | Total number of packets dropped due to checksum errors. |
| Downlink Dropped Bytes on IP Reassembly Failure | Total number of bytes dropped in downlink flow on IP Reassembly failure. |
| Uplink Dropped Bytes on IP Reassembly Failure | Total number of bytes dropped in uplink flow on IP Reassembly failure. |
| Data Stats: | |
| Total Packets Received | Total number of packets received by Stateful Firewall. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of uplink packets dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of uplink bytes dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of downlink packets dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of downlink bytes dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |

show active-charging firewall statistics protocol ipv6 verbose

Table 46: show active-charging firewall statistics protocol ipv6 verbose Command Output Descriptions

| Field | Description |
|--|---|
| Firewall Statistics for Protocol: IPv6 | |
| IPv6 Stats | |
| Land Attacks | Total number of land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of jolt attacks detected by Stateful Firewall. |

| Field | Description |
|--|---|
| Teardrop Attacks | Total number of teardrop attacks detected by Stateful Firewall. |
| Invalid IP Option Length | Total number of packets with invalid IP option length. |
| IPv6 Source-router Attacks | Total number of IPv6 source-router attacks detected by Stateful Firewall. |
| Packets with Short IPv6 Header Length | Total number of packets with short IPv6 header length. |
| Packets with Nested Fragmentation Header | Total number of packets with nested fragmentation header. |
| Packets with Unspecified IPv6 Address | Total number of packets with unspecified IPv6 address. |
| Packets with invalid Payload Length | Total number of packets with invalid payload length. |
| Packets with more than threshold Extension Headers | Total number of packets with more than threshold extension headers. |
| Packets with invalid Hop By Hop Extension Header | Total number of packets with invalid hop by hop extension header. |
| Packets with ICMPv4 in IPv6 Header | Total number of packets with ICMPv4 in IPv6 header. |
| Packets with invalid Destination Extension Header | Total number of packets with invalid destination extension header. |
| Downlink Dropped Bytes on IPv6 Reassembly Failure | Total number of downlink bytes dropped due to reassembly failure. |
| Uplink Dropped Bytes on IPv6 Reassembly Failure | Total number of uplink bytes dropped due to reassembly failure. |
| Data Stats | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |

| Field | Description |
|---------------------------------------|--|
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |
| Total NAT Flows Processed by Firewall | Total number of NAT flows processed by Stateful Firewall. |

show active-charging firewall statistics protocol udp verbose

Table 47: show active-charging firewall statistics protocol udp verbose Command Output Descriptions

| Field | Description |
|--|--|
| Firewall Statistics for Protocol: UDP | |
| UDP Stats | |
| Invalid UDP Echo Response | Total number of invalid UDP echo responses. |
| Invalid UDP Packet Length | Total number of invalid UDP packet length. |
| Packets Dropped due to UDP Checksum Errors | Total number of packets dropped due to UDP Checksum errors. |
| Packets with Short UDP Header Length | Total number of packets with short UDP header length. |
| Packets Dropped on UDP Flood Attack | Total number of packets dropped by Stateful Firewall in UDP flood attacks. |
| Packets Dropped due to exceeding ICMP dest unreachable threshold | Total number of packets dropped due to exceeding ICMP destination unreachable threshold. |
| Data Stats | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |

show active-charging firewall statistics callid <call_id> verbose

| Field | Description |
|-----------------------------------|--|
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |

show active-charging firewall statistics callid <call_id> verbose

Table 48: show active-charging firewall statistics callid <call_id> verbose Command Output Descriptions

| Field | Description |
|---|---|
| Firewall Statistics for Callid: <call_id> | |
| IP Stats: | |
| Land Attacks | Total number of Land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of Jolt attacks detected by Stateful Firewall. |
| Teardrop Attacks | Total number of Teardrop attacks detected by Stateful Firewall. |
| Invalid IP Option Length | Total number of Invalid IP Option Length attacks detected by Stateful Firewall. |
| IP Source-router Attacks | Total number of IP Source-router attacks detected by Stateful Firewall. |
| Packets with IP-Unaligned-Timestamp | Total number of packets with IP unaligned timestamps detected by Stateful Firewall. |
| Packets with Short IP Header Length | Total number of packets with short IP header length detected by Stateful Firewall. |
| Packets Dropped due to IP Checksum Errors | Total number of packets dropped due to IP Checksum error. |
| Downlink Dropped Bytes on IP Reassembly Failure | Total number of downlink bytes dropped on IP Reassembly failure. |
| Uplink Dropped Bytes on IP Reassembly Failure | Total number of uplink bytes dropped on IP Reassembly failure. |

| Field | Description |
|--|--|
| TCP Stats: | |
| Data Packets Received After RST/FIN | Total number of data packets received after receiving RST (reset) request by Stateful Firewall. |
| Invalid SEQ Number Received with RST | Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall. |
| Data without Connection Established | Total number of data packets received before the establishment of connection by Stateful Firewall. |
| Invalid TCP Connection Requests | Total number of invalid TCP connection requests received by Stateful Firewall. |
| Invalid TCP pre-connection Requests | Total number of invalid TCP pre-connection requests received by Stateful Firewall. |
| Invalid ACK Value (Cookie Enabled) | Total number of invalid ACK values (to enable cookies) received by Stateful Firewall. |
| Invalid TCP Packet Length | Total number of TCP packets with invalid length received by Stateful Firewall. |
| Packets with Short TCP Header Length | Total number of TCP packets with invalid/short header length received by Stateful Firewall. |
| Packets Dropped due to TCP Checksum Errors | Total number of packets dropped due to TCP Checksum error. |
| Packets with SEQ/ACK Out-of-range | Total number of packets with out of range SEQ/ACK. |
| TCP Null Scan Attacks | Total number of TCP Null Scan attacks detected by Stateful Firewall. |
| Post Connection SYN | Total number of Post Connection SYN attacks detected by Stateful Firewall. |
| Unable to Send SYN Packet | Total number of attempts detected by Stateful Firewall when node failed to send SYN packets. |
| Send Final ACK to Target Failed | Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node. |
| Invalid TCP Packet: SYN-ACK Expected | Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets. |
| No TCP Flags Set | Total number of TCP packets received with no flags set. |
| All TCP Flags Set | Total number of TCP flags received with all flags set. |
| Invalid TCP Packets | Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall. |

show active-charging firewall statistics callid <call_id> verbose

| Field | Description |
|--|--|
| Flows Closed by RST before 3-Way Handshake | Total number flows closed by RST (reset) message before the 3-way handshaking. |
| Flows Timed-out in SYN_RCVD1 State | Total number of flows timed out in SYN_RCVD1 state. |
| Flows Timed-out in SYN_RCVD2 State | Total number of flows timed out in SYN_RCVD2 state. |
| Flows Terminated due to WinNuke Attack | Total number of flows terminated due to WinNuke attacks by Stateful Firewall. |
| TCP-SYN Flood Attacks | Total number of TCP-SYN Flood attacks detected by Stateful Firewall. |
| Packets Dropped on TCP-SYN Flood Attack | Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks. |
| FTP-Bounce Attacks | Total number of FTP-Bounce attacks detected by Stateful Firewall. |
| Mime-Flood Attacks | Total number of Mime-Flood attacks detected by Stateful Firewall. |
| Proxy Handshakes Completed | Total number of times proxy handshake was completed. |
| Packets Dropped during Proxy Handshake | Total number of packets dropped during proxy handshake. |
| UDP Stats: | |
| Invalid UDP Echo Response | Total number of invalid UDP echo responses. |
| Invalid UDP Packet Length | Total number of invalid UDP packet length. |
| Packets Dropped due to UDP Checksum Errors | Total number of packets dropped due to UDP Checksum errors. |
| Packets with Short UDP Header Length | Total number of packets with short UDP header length. |
| Packets Dropped on UDP Flood Attack | Total number of packets dropped by Stateful Firewall in UDP flood attacks. |
| Packets Dropped due to exceeding ICMP dest unreachable threshold | Total number of packets dropped due to exceeding ICMP destination unreachable threshold. |
| ICMP Stats: | |
| Invalid ICMP Response | Total number of invalid ICMP responses. |
| ICMP Reply Error | Total number of ICMP reply errors. |
| Invalid ICMP Type Packet | Total number of invalid ICMP type packets. |
| ICMP Error Message Replay Attacks | Total number of ICMP error message replay attacks detected by Stateful Firewall. |
| ICMP Packets with Duplicate Sequence Number | Total number of ICMP packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |

| Field | Description |
|---|--|
| Invalid ICMP Packet Length | Total number of packets with invalid ICMP packet length. |
| Packets Dropped on ICMP Flood Attack | Total number of packets dropped by Stateful Firewall in ICMP flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMP Checksum Errors | Total number of packets dropped due to ICMP Checksum errors. |
| ICMP Packets With Destination Unreachable Message | Total number of ICMP packets with Destination Unreachable Message. |
| ICMP Echo Packets Dropped due to ID Zero | Total number of ICMP echo packets dropped due to zero ID. |
| ICMPv6 Stats: | |
| Invalid ICMPv6 Response | Total number of invalid ICMPv6 responses. |
| ICMPv6 Reply Error | Total number of ICMPv6 reply errors. |
| Invalid ICMPv6 Type Packet | Total number of invalid ICMPv6 type packets. |
| ICMPv6 Error Message Replay Attacks | Total number of ICMPv6 error message replay attacks detected by Stateful Firewall. |
| ICMPv6 Packets with Duplicate Sequence Number | Total number of ICMPv6 packets with duplicate sequence numbers. |
| Packets with Short ICMPv6 Header Length | Total number of packets with short ICMPv6 header length. |
| Invalid ICMPv6 Packet Length | Total number of packets with invalid ICMPv6 packet length. |
| Packets Dropped on ICMPv6 Flood Attack | Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMPv6 Checksum Errors | Total number of packets dropped due to ICMPv6 Checksum errors. |
| ICMPv6 Packets With Destination Unreachable Message | Total number of ICMPv6 packets with Destination Unreachable Message. |
| ICMPv6 Echo Packets Dropped due to ID Zero | Total number of ICMPv6 echo packets dropped due to zero ID. |
| General Stats: | |
| Packets without Any Data Received | Total number of packets received without any data. |
| No Matching Uplink Ruledef | Total number of uplink packets with no matching ruledef. |
| No Matching Downlink Ruledef | Total number of downlink packets with no matching ruledef. |

| Field | Description |
|---|---|
| Deny Ruledef Matched | Total number of times deny ruledef was matched. |
| Packets Dropped due to No Ruledef in Rulebase | Total number of packets dropped due to no ruledef in rulebase. Important This field is deprecated in release 15.0 and later releases. |
| Packets Dropped due to Miscellaneous Errors | Total number of packets dropped due to miscellaneous errors. |
| Flows Timed-out | Total number of flows that timed out. |
| Flows Not Established from External Network | Total number of flows from external networks that were not established. |
| Max Flows Limit Reached | Total number of times the maximum flows limit was reached. |
| IP Retransmitted Packets Dropped | Total number of IP retransmitted packets dropped. |
| Data Stats: | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |

show active-charging firewall statistics domainname <domain_name> verbose

Table 49: show active-charging firewall statistics domainname <domain_name> verbose Command Output Descriptions

| Field | Description |
|--|--|
| Firewall Statistics for 2 Sessions with Domain-name: <domain_name> | |
| IP Stats: | |
| Land Attacks | Total number of Land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of Jolt attacks detected by Stateful Firewall. |
| Teardrop Attacks | Total number of Teardrop attacks detected by Stateful Firewall. |
| Invalid IP Option Length | Total number of Invalid IP Option Length attacks detected by Stateful Firewall. |
| IP Source-router Attacks | Total number of IP Source-router attacks detected by Stateful Firewall. |
| Packets with IP-Unaligned-Timestamp | Total number of packets with IP unaligned timestamps detected by Stateful Firewall. |
| Packets with Short IP Header Length | Total number of packets with short IP header length detected by Stateful Firewall. |
| Packets Dropped due to IP Checksum Errors | Total number of packets dropped due to IP Checksum error. |
| Downlink Dropped Bytes on IP Reassembly Failure | Total number of downlink bytes dropped on IP Reassembly failure. |
| Uplink Dropped Bytes on IP Reassembly Failure | Total number of uplink bytes dropped on IP Reassembly failure. |
| TCP Stats: | |
| Data Packets Received After RST/FIN | Total number of data packets received after receiving RST (reset) request by Stateful Firewall. |
| Invalid SEQ Number Received with RST | Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall. |
| Data without Connection Established | Total number of data packets received before the establishment of connection by Stateful Firewall. |
| Invalid TCP Connection Requests | Total number of invalid TCP connection requests received by Stateful Firewall. |
| Invalid TCP pre-connection Requests | Total number of invalid TCP pre-connection requests received by Stateful Firewall. |

```
show active-charging firewall statistics domainname <domain_name> verbose
```

| Field | Description |
|--|--|
| Invalid ACK Value (Cookie Enabled) | Total number of invalid ACK values (to enable cookies) received by Stateful Firewall. |
| Invalid TCP Packet Length | Total number of TCP packets with invalid length received by Stateful Firewall. |
| Packets with Short TCP Header Length | Total number of TCP packets with invalid/short header length received by Stateful Firewall. |
| Packets Dropped due to TCP Checksum Errors | Total number of packets dropped due to TCP Checksum error. |
| Packets with SEQ/ACK Out-of-range | Total number of packets with out of range SEQ/ACK. |
| TCP Null Scan Attacks | Total number of TCP Null Scan attacks detected by Stateful Firewall. |
| Post Connection SYN | Total number of Post Connection SYN attacks detected by Stateful Firewall. |
| Unable to Send SYN Packet | Total number of attempts detected by Stateful Firewall when node failed to send SYN packets. |
| Send Final ACK to Target Failed | Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node. |
| Invalid TCP Packet: SYN-ACK Expected | Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets. |
| No TCP Flags Set | Total number of TCP packets received with no flags set. |
| All TCP Flags Set | Total number of TCP flags received with all flags set. |
| Invalid TCP Packets | Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall. |
| Flows Closed by RST before 3-Way Handshake | Total number flows closed by RST (reset) message before the 3-way handshaking. |
| Flows Timed-out in SYN_RCVD1 State | Total number of flows timed out in SYN_RCVD1 state. |
| Flows Timed-out in SYN_RCVD2 State | Total number of flows timed out in SYN_RCVD2 state. |
| Flows Terminated due to WinNuke Attack | Total number of flows terminated due to WinNuke attacks by Stateful Firewall. |
| TCP-SYN Flood Attacks | Total number of TCP-SYN Flood attacks detected by Stateful Firewall. |
| Packets Dropped on TCP-SYN Flood Attack | Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks. |
| FTP-Bounce Attacks | Total number of FTP-Bounce attacks detected by Stateful Firewall. |
| Mime-Flood Attacks | Total number of Mime-Flood attacks detected by Stateful Firewall. |

| Field | Description |
|--|--|
| Proxy Handshakes Completed | Total number of times proxy handshake was completed. |
| Packets Dropped during Proxy Handshake | Total number of packets dropped during proxy handshake. |
| UDP Stats: | |
| Invalid UDP Echo Response | Total number of invalid UDP echo responses. |
| Invalid UDP Packet Length | Total number of invalid UDP packet length. |
| Packets Dropped due to UDP Checksum Errors | Total number of packets dropped due to UDP Checksum errors. |
| Packets with Short UDP Header Length | Total number of packets with short UDP header length. |
| Packets Dropped on UDP Flood Attack | Total number of packets dropped by Stateful Firewall in UDP flood attacks. |
| Packets Dropped due to exceeding ICMP dest unreachable threshold | Total number of packets dropped due to exceeding ICMP destination unreachable threshold. |
| ICMP Stats: | |
| Invalid ICMP Response | Total number of invalid ICMP responses. |
| ICMP Reply Error | Total number of ICMP reply errors. |
| Invalid ICMP Type Packet | Total number of invalid ICMP type packets. |
| ICMP Error Message Replay Attacks | Total number of ICMP error message replay attacks detected by Stateful Firewall. |
| ICMP Packets with Duplicate Sequence Number | Total number of ICMP packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |
| Invalid ICMP Packet Length | Total number of packets with invalid ICMP packet length. |
| Packets Dropped on ICMP Flood Attack | Total number of packets dropped by Stateful Firewall in ICMP flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMP Checksum Errors | Total number of packets dropped due to ICMP Checksum errors. |
| ICMP Packets With Destination Unreachable Message | Total number of ICMP packets with Destination Unreachable Message. |
| ICMP Echo Packets Dropped due to ID Zero | Total number of ICMP echo packets dropped due to zero ID. |
| ICMPv6 Stats: | |
| Invalid ICMPv6 Response | Total number of invalid ICMPv6 responses. |

show active-charging firewall statistics domainname <domain_name> verbose

| Field | Description |
|---|---|
| ICMPv6 Reply Error | Total number of ICMPv6 reply errors. |
| Invalid ICMPv6 Type Packet | Total number of invalid ICMPv6 type packets. |
| ICMPv6 Error Message Replay Attacks | Total number of ICMPv6 error message replay attacks detected by Stateful Firewall. |
| ICMPv6 Packets with Duplicate Sequence Number | Total number of ICMPv6 packets with duplicate sequence numbers. |
| Packets with Short ICMPv6 Header Length | Total number of packets with short ICMPv6 header length. |
| Invalid ICMPv6 Packet Length | Total number of packets with invalid ICMPv6 packet length. |
| Packets Dropped on ICMPv6 Flood Attack | Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMPv6 Checksum Errors | Total number of packets dropped due to ICMPv6 Checksum errors. |
| ICMPv6 Packets With Destination Unreachable Message | Total number of ICMPv6 packets with Destination Unreachable Message. |
| ICMPv6 Echo Packets Dropped due to ID Zero | Total number of ICMPv6 echo packets dropped due to zero ID. |
| General Stats: | |
| Packets without Any Data Received | Total number of packets received without any data. |
| No Matching Uplink Ruledef | Total number of uplink packets with no matching ruledef. |
| No Matching Downlink Ruledef | Total number of downlink packets with no matching ruledef. |
| Deny Ruledef Matched | Total number of times deny ruledef was matched. |
| Packets Dropped due to No Ruledef in Rulebase | Total number of packets dropped due to no ruledef in rulebase. Important This field is deprecated in release 15.0 and later releases. |
| Packets Dropped due to Miscellaneous Errors | Total number of packets dropped due to miscellaneous errors. |
| Flows Timed-out | Total number of flows that timed out. |
| Flows Not Established from External Network | Total number of flows from external networks that were not established. |
| Max Flows Limit Reached | Total number of times the maximum flows limit was reached. |
| IP Retransmitted Packets Dropped | Total number of IP retransmitted packets dropped. |

| Field | Description |
|-----------------------------------|--|
| Data Stats: | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |

showactive-chargingfirewallstatisticsusername<user_name> verbose

Table 50: show active-charging firewall statistics username <user_name> verbose Command Output Descriptions

| Field | Description |
|---|---|
| Firewall Statistics for Username: <user_name> | |
| IP Stats: | |
| Land Attacks | Total number of Land attacks detected by Stateful Firewall. |
| Jolt Attacks | Total number of Jolt attacks detected by Stateful Firewall. |
| Teardrop Attacks | Total number of Teardrop attacks detected by Stateful Firewall. |

```
show active-charging firewall statistics username <user_name> verbose
```

| Field | Description |
|---|--|
| Invalid IP Option Length | Total number of Invalid IP Option Length attacks detected by Stateful Firewall. |
| IP Source-router Attacks | Total number of IP Source-router attacks detected by Stateful Firewall. |
| Packets with IP-Unaligned-Timestamp | Total number of packets with IP unaligned timestamps detected by Stateful Firewall. |
| Packets with Short IP Header Length | Total number of packets with short IP header length detected by Stateful Firewall. |
| Packets Dropped due to IP Checksum Errors | Total number of packets dropped due to IP Checksum error. |
| Downlink Dropped Bytes on IP Reassembly Failure | Total number of downlink bytes dropped on IP Reassembly failure. |
| Uplink Dropped Bytes on IP Reassembly Failure | Total number of uplink bytes dropped on IP Reassembly failure. |
| TCP Stats: | |
| Data Packets Received After RST/FIN | Total number of data packets received after receiving RST (reset) request by Stateful Firewall. |
| Invalid SEQ Number Received with RST | Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall. |
| Data without Connection Established | Total number of data packets received before the establishment of connection by Stateful Firewall. |
| Invalid TCP Connection Requests | Total number of invalid TCP connection requests received by Stateful Firewall. |
| Invalid TCP pre-connection Requests | Total number of invalid TCP pre-connection requests received by Stateful Firewall. |
| Invalid ACK Value (Cookie Enabled) | Total number of invalid ACK values (to enable cookies) received by Stateful Firewall. |
| Invalid TCP Packet Length | Total number of TCP packets with invalid length received by Stateful Firewall. |
| Packets with Short TCP Header Length | Total number of TCP packets with invalid/short header length received by Stateful Firewall. |
| Packets Dropped due to TCP Checksum Errors | Total number of packets dropped due to TCP Checksum error. |
| Packets with SEQ/ACK Out-of-range | Total number of packets with out of range SEQ/ACK. |
| TCP Null Scan Attacks | Total number of TCP Null Scan attacks detected by Stateful Firewall. |

| Field | Description |
|--|--|
| Post Connection SYN | Total number of Post Connection SYN attacks detected by Stateful Firewall. |
| Unable to Send SYN Packet | Total number of attempts detected by Stateful Firewall when node failed to send SYN packets. |
| Send Final ACK to Target Failed | Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node. |
| Invalid TCP Packet: SYN-ACK Expected | Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets. |
| No TCP Flags Set | Total number of TCP packets received with no flags set. |
| All TCP Flags Set | Total number of TCP flags received with all flags set. |
| Invalid TCP Packets | Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall. |
| Flows Closed by RST before 3-Way Handshake | Total number flows closed by RST (reset) message before the 3-way handshaking. |
| Flows Timed-out in SYN_RCVD1 State | Total number of flows timed out in SYN_RCVD1 state. |
| Flows Timed-out in SYN_RCVD2 State | Total number of flows timed out in SYN_RCVD2 state. |
| Flows Terminated due to WinNuke Attack | Total number of flows terminated due to WinNuke attacks by Stateful Firewall. |
| TCP-SYN Flood Attacks | Total number of TCP-SYN Flood attacks detected by Stateful Firewall. |
| Packets Dropped on TCP-SYN Flood Attack | Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks. |
| FTP-Bounce Attacks | Total number of FTP-Bounce attacks detected by Stateful Firewall. |
| Mime-Flood Attacks | Total number of Mime-Flood attacks detected by Stateful Firewall. |
| Proxy Handshakes Completed | Total number of times proxy handshake was completed. |
| Packets Dropped during Proxy Handshake | Total number of packets dropped during proxy handshake. |
| UDP Stats: | |
| Invalid UDP Echo Response | Total number of invalid UDP echo responses. |
| Invalid UDP Packet Length | Total number of invalid UDP packet length. |
| Packets Dropped due to UDP Checksum Errors | Total number of packets dropped due to UDP Checksum errors. |
| Packets with Short UDP Header Length | Total number of packets with short UDP header length. |

```
show active-charging firewall statistics username <user_name> verbose
```

| Field | Description |
|--|--|
| Packets Dropped on UDP Flood Attack | Total number of packets dropped by Stateful Firewall in UDP flood attacks. |
| Packets Dropped due to exceeding ICMP dest unreachable threshold | Total number of packets dropped due to exceeding ICMP destination unreachable threshold. |
| ICMP Stats: | |
| Invalid ICMP Response | Total number of invalid ICMP responses. |
| ICMP Reply Error | Total number of ICMP reply errors. |
| Invalid ICMP Type Packet | Total number of invalid ICMP type packets. |
| ICMP Error Message Replay Attacks | Total number of ICMP error message replay attacks detected by Stateful Firewall. |
| ICMP Packets with Duplicate Sequence Number | Total number of ICMP packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |
| Invalid ICMP Packet Length | Total number of packets with invalid ICMP packet length. |
| Packets Dropped on ICMP Flood Attack | Total number of packets dropped by Stateful Firewall in ICMP flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMP Checksum Errors | Total number of packets dropped due to ICMP Checksum errors. |
| ICMP Packets With Destination Unreachable Message | Total number of ICMP packets with Destination Unreachable Message. |
| ICMP Echo Packets Dropped due to ID Zero | Total number of ICMP echo packets dropped due to zero ID. |
| ICMPv6 Stats: | |
| Invalid ICMPv6 Response | Total number of invalid ICMPv6 responses. |
| ICMPv6 Reply Error | Total number of ICMPv6 reply errors. |
| Invalid ICMPv6 Type Packet | Total number of invalid ICMPv6 type packets. |
| ICMPv6 Error Message Replay Attacks | Total number of ICMPv6 error message replay attacks detected by Stateful Firewall. |
| ICMPv6 Packets with Duplicate Sequence Number | Total number of ICMPv6 packets with duplicate sequence numbers. |
| Packets with Short ICMP Header Length | Total number of packets with short ICMP header length. |
| Invalid ICMPv6 Packet Length | Total number of packets with invalid ICMPv6 packet length. |

| Field | Description |
|---|---|
| Packets Dropped on ICMPv6 Flood Attack | Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks. |
| Ping Of Death Attacks | Total number of Ping-of-Death attacks detected by Stateful Firewall. |
| Packets Dropped due to ICMPv6 Checksum Errors | Total number of packets dropped due to ICMPv6 Checksum errors. |
| ICMPv6 Packets With Destination Unreachable Message | Total number of ICMPv6 packets with Destination Unreachable Message. |
| ICMPv6 Echo Packets Dropped due to ID Zero | Total number of ICMPv6 echo packets dropped due to zero ID. |
| General Stats: | |
| Packets without Any Data Received | Total number of packets received without any data. |
| No Matching Uplink Ruledef | Total number of uplink packets with no matching ruledef. |
| No Matching Downlink Ruledef | Total number of downlink packets with no matching ruledef. |
| Deny Ruledef Matched | Total number of times deny ruledef was matched. |
| Packets Dropped due to No Ruledef in Rulebase | Total number of packets dropped due to no ruledef in rulebase. Important This field is deprecated in release 15.0 and later releases. |
| Packets Dropped due to Miscellaneous Errors | Total number of packets dropped due to miscellaneous errors. |
| Flows Timed-out | Total number of flows that timed out. |
| Flows Not Established from External Network | Total number of flows from external networks that were not established. |
| Max Flows Limit Reached | Total number of times the maximum flows limit was reached. |
| IP Retransmitted Packets Dropped | Total number of IP retransmitted packets dropped. |
| Data Stats: | |
| Total Packets Received | Total number of packets received in uplink and downlink flows. |
| Total Bytes Received | Total number of bytes received by Stateful Firewall. |
| Total Packets Sent | Total number of packets sent by Stateful Firewall. |
| Total Bytes Sent | Total number of bytes sent by Stateful Firewall. |
| Total Packets Injected | Total number of packets injected by Stateful Firewall. |
| Total Bytes Injected | Total number of bytes injected by Stateful Firewall. |

| Field | Description |
|-----------------------------------|--|
| Uplink Packets Dropped | Total number of packets in uplink flow dropped by Stateful Firewall. |
| Uplink Bytes Dropped | Total number of bytes in uplink flow dropped by Stateful Firewall. |
| Downlink Packets Dropped | Total number of packets in downlink flow dropped by Stateful Firewall. |
| Downlink Bytes Dropped | Total number of bytes in downlink flow dropped by Stateful Firewall. |
| Total Malformed Packets | Total number of malformed packets detected by Stateful Firewall. |
| Total DOS Attacks | Total number of Denial-of-Service attacks detected by Stateful Firewall. |
| Total Flows Processed by Firewall | Total number of flows processed by Stateful Firewall. |

show active-charging firewall track-list attacking-servers

Table 51: show active-charging firewall track-list attacking-servers Command Output Descriptions

| Field | Description |
|-------------------------------|--|
| Attacking Servers: | |
| Server IP address | IP address of server being tracked for involvement in Denial-of-Service (DOS) attacks. |
| Time of last attack | Date and time of last attack from the server. |
| Time of first attack | Date and time of first attack from the server. |
| Total attacks | Total number of attacks from the server. |
| Last Attack Type | The last DOS attack type from the server. |
| Total attacking servers found | Total number of attacking servers found. |

show active-charging fw-and-nat policy name



Note This show command and counters are available in the releases: 8.1, UMTS releases supporting policy-based Firewall and NAT; 9.0 and later.

Table 52: show active-charging fw-and-nat policy name Command Output Descriptions

| Field | Description |
|---|---|
| Service Name | Name of the Active Charging Service. |
| Firewall Policy Name | Name of the Firewall-and-NAT Policy. |
| Firewall Status IPv4 | Indicates whether IPv4 Stateful Firewall is enabled or disabled in the Firewall-and-NAT policy. |
| Firewall Status IPv6 | Indicates whether IPv6 Stateful Firewall is enabled or disabled in the Firewall-and-NAT policy. |
| NAT Status NAT44 | Indicates whether NAT44 is enabled or disabled in the Firewall-and-NAT policy. |
| NAT Status NAT64 | Indicates whether NAT64 is enabled or disabled in the Firewall-and-NAT policy. |
| NAT Status | Indicates whether NAT is enabled or disabled in the Firewall-and-NAT policy. |
| Flow recovery status: | |
| Basic NAT flows | Indicates whether flow recovery is enabled or disabled for basic NAT flows in the Firewall-and-NAT policy. |
| Recoverable basic NAT flows | Displays the total number of recoverable basic NAT flows in the Firewall-and-NAT policy. |
| SIP-ALG | Indicates whether flow recovery is enabled or disabled for SIP ALG in the Firewall-and-NAT policy. |
| ICSR Flow-recovery Status: | |
| Non-ALG | Indicates whether ICSR flow-recovery is enabled or disabled for non-ALGs in the Firewall-and-NAT policy. Important This statistic is deprecated in 14.0 and later releases. |
| Basic NAT | Indicates whether ICSR flow-recovery is enabled or disabled for basic NAT in the Firewall-and-NAT policy. |
| SIP-ALG | Indicates whether ICSR flow-recovery is enabled or disabled for SIP ALG in the Firewall-and-NAT policy. |
| H323-ALG | Indicates whether ICSR flow-recovery is enabled or disabled for H323 ALG in the Firewall-and-NAT policy. |
| Firewall and NAT Action Priorities | |
| Ruledef Name | Name of the access ruledef. |

| Field | Description |
|------------------------------------|---|
| Type | Indicates the ruledef type. <ul style="list-style-type: none"> • FD: Firewall Dynamic Ruledef — Predefined and disabled rules that can be enabled/disabled by the policy server. • FS: Firewall Static Ruledef — Predefined and enabled rules that cannot be modified by the policy server. • FSDP: Firewall Static & Dynamic Ruledef —Predefined and enabled rules that can be enabled/disabled by the policy server. |
| Priority | Priority of the access ruledef in the Firewall-and-NAT policy. |
| Charging-action/ Fw-and-nat-action | The charging action (C) or the fw-and-nat action (F) configured with the access ruledef. |
| Port-trigger aux-ports:direction | The auxiliary ports open for traffic, and the direction from which the auxiliary connection is initiated. |
| NAT-Realm | Name of the NAT realm. |
| Firewall Configuration | |
| Dos-Protection | |
| Source-Route | Indicates status of protection against IP Source Route IP Option attacks. |
| Win-Nuke | Indicates status of protection against Win Nuke attacks. |
| Mime-Flood | Indicates status of protection against MIME Flood attacks. |
| FTP-Bounce | Indicates status of protection against FTP Bounce attacks. |
| IP-Unaligned-Timestamp | Indicates status of protection against IP Unaligned Timestamp attacks. |
| TCP-Window-Containment | Indicates status of protection against TCP Window Containment. |
| Teardrop | Indicates status of protection against Teardrop attacks. |
| UDP Flooding | Indicates status of protection against UDP Flooding attacks. |
| ICMP Flooding | Indicates status of protection against ICMP Flooding attacks. |
| SYN Flooding | Indicates status of protection against SYN Flooding attacks. |
| Port Scan | Indicates status of protection against Port Scan attacks. |
| IPv6 Extension Headers Limit | Indicates status of protection against maximum limit of IPv6 extension headers in an IPv6 packet. An IPv6 packet can contain zero or more extension headers. |

| Field | Description |
|---------------------------------|---|
| IPv6 Hop By Hop Options | Indicates status of protection against IPv6 packets containing hop-by-hop extension header options. |
| Hop By Hop Router Alert Option | Indicates status of protection against IPv6 packets containing router alert hop-by-hop option. |
| Hop By Hop Jumbo Payload Option | Indicates status of protection against IPv6 packets containing jumbo payload hop-by-hop option. |
| Invalid Hop By Hop Options | Indicates status of protection against IPv6 packets containing invalid hop-by-hop options. |
| Unknown Hop By Hop Options | Indicates status of protection against IPv6 packets containing unknown hop-by-hop options. |
| IPv6 Destination Options | Indicates status of protection against IPv6 packets containing IPv6 destination options header. |
| Invalid Destination Options | Indicates status of protection against IPv6 packets containing invalid destination options. |
| Unknown Destination Options | Indicates status of protection against IPv6 packets containing unknown destination options. |
| IPv6 Nested Fragmentation | Indicates status of protection against IPv6 packets containing IPv6 nested fragmentation. |
| UDP IP Sweep | Indicates status of protection against UDP IP sweep attacks. |
| ICMP IP Sweep | Indicates status of protection against ICMP IP sweep attacks. |
| TCP-SYN IP Sweep | Indicates status of protection against TCP-SYN IP sweep attacks. |
| Max-Packet-Size | |
| ICMP | For ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall. |
| Non-ICMP | For non-ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall. |
| Flooding | |
| ICMP limit | The maximum number of ICMP packets allowed during a sampling interval. |
| UDP limit | The maximum number of UDP packets allowed during a sampling interval. |
| TCP-SYN limit | The maximum number of TCP-SYN packets allowed during a sampling interval. |
| Sampling Interval | The flooding sampling interval, in seconds. |

| Field | Description |
|---|--|
| TCP-SYN Flood Intercept | |
| Mode | The TCP SYN flood intercept mode. <ul style="list-style-type: none"> • none • intercept • watch |
| Watch-timeout | The TCP intercept watch timeout, in seconds. |
| Mime-Flood Params | |
| HTTP Header-Limit | The maximum number of headers allowed in an HTTP packet. |
| HTTP Max-Header-Field-Size | The maximum header field size allowed in an HTTP header, in bytes. |
| No Firewall Ruledef Match Action | |
| Uplink Action | Action configured for uplink packets with no access ruledef matches. |
| Uplink Charging-Action | Charging action configured for uplink packets with no access ruledef matches. |
| Uplink NAT-Realm | The NAT-realm to be used if none of the firewall ruledefs are matched for the uplink traffic. |
| Uplink Fw-and-nat-action | The Fw-and-nat action to be used if none of the firewall ruledefs are matched for the uplink traffic. |
| Downlink Action | Action configured for downlink packets with no access ruledef matches. |
| Downlink Charging-Action | Charging action configured for downlink packets with no access ruledef matches. |
| Downlink NAT-Realm | The NAT-realm to be used if none of the firewall ruledefs are matched for the downlink traffic. |
| Downlink Fw-and-nat-action | The Fw-and-nat action to be used if none of the firewall ruledefs are matched for the downlink traffic. |
| TCP RST Message Threshold | Indicates whether a threshold limit is set on the number of TCP reset messages sent by the subscriber for a particular data flow. |
| TCP RST Message Threshold Value | The threshold value set for the number of TCP reset messages sent by the subscriber for a particular data flow. Range: 1 to 100 |

| Field | Description |
|--|--|
| ICMP Dest-Unreachable Threshold | Indicates whether a threshold limit is set on the number of ICMP error messages sent by the subscriber for a particular data flow. |
| ICMP Dest-Unreachable Threshold Value | The threshold value set for the number of ICMP error messages sent by the subscriber for a particular data flow. |
| Action upon receiving TCP SYN packet with ECN/CWR Flag set | Indicates the action to be taken on receiving a TCP SYN packet with ECN/CWR Flag set. |
| Action upon receiving a malformed packet | Indicates the action to be taken on receiving a malformed packet. |
| Action upon IP Reassembly Failure | Indicates the action to be taken on IP reassembly failure. |
| Action upon receiving an IP packet with invalid Options | Indicates the action to be taken on receiving an IP packet with invalid options. |
| Action upon receiving a TCP packet with invalid Options | Indicates the action to be taken on receiving a TCP packet with invalid options. |
| Action upon receiving an ICMP packet with invalid Checksum | Indicates the action to be taken on receiving an ICMP packet with invalid checksum. |
| Action upon receiving a TCP packet with invalid Checksum | Indicates the action to be taken on receiving a TCP packet with invalid checksum. |
| Action upon receiving a UDP packet with invalid Checksum | Indicates the action to be taken on receiving a UDP packet with invalid checksum. |
| Action upon receiving an ICMP echo packet with id zero | Indicates the action to be taken on receiving an ICMP echo packet with id zero. |
| TCP Stateful Checks | Indicates whether stateful checks for TCP is enabled or disabled. |
| First Packet Non-SYN Action | Indicates the action to be taken on flows with first packet Non-SYN. |
| ICMP Stateful Checks | Indicates whether Stateful checks for ICMP is enabled or disabled. |
| TCP Partial Connection Timeout | Displays the time period for TCP partial connection, in seconds. |
| NAT Configuration | |
| NBR Format | Displays the NAT Binding Record format. |
| Private IP NPU Flow Timeout | The time period for private IP NPU Flow, in seconds. |
| Suppress sending NAT bind update to AAA | Indicates if the NAT bind update sent to AAA is suppressed or not. |
| Default NAT-Realm | The default NAT-realm to be used if no NAT-realm is found as part of firewall ruledefs. |
| Default Fw-and-nat-action | The Fw-and-nat action to be used when the default NAT-realm is used. |

show active-charging flow-kpi all

Table 53: show active-charging flow-kpi all Command Output Descriptions

| Field | Description |
|------------------------------------|---|
| Rule Name | The name of rules eligible for flow checkpointing. |
| Active Flows | Total number of active flows of the rule. |
| SR Flow Checkpoint Sent | Total number of SR flow checkpoint sent for the rule. |
| SR Flow Checkpoint Received | Total number of SR flow checkpoint received for the rule. |
| GR Flow Checkpoint Sent | Total number of GR flow checkpoint sent for the rule. |
| GR Flow Checkpoint Received | Total number of GR flow checkpoint received for the rule. |
| SR Flow Checkpoint Delete Sent | Total number of SR delete flow checkpoint sent for the rule. |
| SR Flow Checkpoint Delete Received | Total number of SR delete flow checkpoint received for the rule. |
| GR Flow Checkpoint Delete Sent | Total number of GR delete flow checkpoint sent for the rule. |
| GR Flow Checkpoint Delete Received | Total number of GR delete flow checkpoint received for the rule. |
| Flows of lifetime bucket1 | Total number of flows of lifetime_bucket1. Lifetime value of bucket1 is configurable. |
| Flows of lifetime bucket2 | Total number of flows of lifetime_bucket2. Lifetime value of bucket2 is configurable. |
| Flows of lifetime bucket3 | Total number of flows of lifetime_bucket3. Lifetime value of bucket3 is configurable. |

show active-charging flows all

Table 54: show active-charging flows all Command Output Descriptions

| Field | Description |
|------------|--|
| Flow-ID | Identifier for Flows. |
| Session-ID | Identifier for Active Charging session with P2P. |
| Flow-num | Identifies the flow number. |

| Field | Description |
|---------------------------|--|
| Application Protocol (VV) | <p>The protocol used for application.</p> <p>Supported application protocols are:</p> <ul style="list-style-type: none">• HT- HTTP• HS - HTTPS• SM - SMTP• P3 - POP3• WT - WTP• WS - WSP• DN - DNS• RT - RTP• EM - EMAIL• MM - MMS• FT - FTP• SI - SIP• WW - WWW• RS - RTSP• IM - IMAP• P2 - P2P• RC - RTCP• TF - TFTP• WC - WSP Connection Oriented• WX - WSP Connection-less• XX - Unknown• H3 - H323• PP - PPTP• RA - RADIUS• M6 - MIPv6• XX - Unknown |

| Field | Description |
|------------------------|--|
| Transport Protocol (v) | The protocol used for data transport. Supported data transport protocols are: <ul style="list-style-type: none"> • T - TCP • U - UDP • I - ICMP and ICMPv6 • G - GREv1 • X - Unknown |
| Tethered Flow | The value will display Y for a tethered flow and N for a non-tethered flow. |
| Recovered Flow | The value will display Y for a recovered flow and N for a non-recovered flow. The flag will be displayed if flow recovery license is present. |
| Bytes-Up | Total bytes uplinked. |
| Bytes-Down | Total bytes downlinked. |
| Pkts-Up | Total packets uplinked. |
| Pkts-Down | Total packets downlinked. |
| TCP Acceleration | Identifies the TCP accelerated flow. |

show active-charging flows full

For a TCP flow.

Table 55: show active-charging flows full Command Output Descriptions

| Field | Description |
|------------------|---|
| Flow-ID | Identifier for flows. |
| Session-ID | Identifier for ACS session. |
| Uplink Packets | Total number of packets uplinked. |
| Uplink Bytes | Total number of bytes uplinked. |
| Downlink Packets | Total number of packets downlinked. |
| Downlink Bytes | Total number of bytes downlinked. |
| FP Packets | Number of data packets processed in fastpath for this flow. |

| Field | Description |
|---------------------------------------|--|
| MS IP | The MS IP address. |
| MS NAT IP | The MS NAT IP address. |
| Server IP | The server IP address. |
| Transport Protocol | The transport protocol: TCP, UDP, ICMP |
| Application Protocol | The application protocol. |
| Video Pacing | Indicates whether video pacing is enabled or disabled. |
| Video Encoded Bit Rate | The currently enforced bit rate for video pacing. |
| Video Pacing Initial Burst Size | The initial burst size allowed, in bytes, during video pacing. |
| Video Pacing Normal Burst Size | The normal burst size allowed, in bytes, during video pacing. |
| Video Pacing Dropped Bytes | The number of data bytes dropped during video pacing. |
| Video Payload Bytes Sent towards User | The number of data bytes sent to the UE during video pacing. |
| Video Pacing Duration | The duration, in seconds, of the video being paced. |
| TCP MS Port | The TCP MS port number. |
| TCP MS NAT Port | The TCP MS NAT port number. This field is not displayed for one-to-one NAT. |
| TCP Server Port | The TCP server port number. |
| TCP State | Indicates the TCP state. |
| TCP Prev State | Indicates the previous TCP state. |
| MS Window Size | The mobile window size. |
| Server Window Size | The server window size. |
| MS Retries | Total number of mobile subscriber retries. |
| Server Retries | Total number of server retries. |
| ITC Action Applied | Indicates the ITC action applied. |
| Throttle-Suppress Countdown | Displays the configured timeout (elapsed time) when flow is throttle-suppressed. |
| Throttle-Suppress | Displays "n/a" when throttle-suppress is inactive. |
| Socket Migration Details: | TCP Proxy Socket Migration related information. |
| State | Indicates Socket Migration state of the flow. For example, SOCK_MIG_DONE. |

| Field | Description |
|--------------------------------|---|
| Highest ACK Frm Server | Highest acknowledgement number from the server. |
| Highest Seq Frm Server | Highest sequence number from the server. |
| Highest ACK Frm MS | Highest acknowledgement number from the MS. |
| Highest Seq Frm MS | Highest sequence number from the MS. |
| Seq Frm MS at Mig | Sequence number from MS at migration. |
| ACK Frm MS at Mig | Acknowledgement number from MS at migration. |
| Seq Frm Server at Mig | Sequence number from server at migration. |
| ACK Frm Server at Mig | Acknowledgement number from server at migration. |
| Data To Be Delivered To MS | Data to be delivered to the MS. |
| Data To Be Delivered To Server | Data to be delivered to the server. |
| Highest Seq Frm MS | Highest sequence number from the MS. |
| Timestamps Enabled | Indicates if timestamps option is enabled. |
| SACK Enabled | Indicates if selective acknowledgement is enabled. |
| Wscale From MS | Window scale value from MS. |
| Wscale From Server | Window scale value from server. |
| Buffering Statistics: | |
| Buffered Uplink Packets | Total buffered uplink packets. |
| Buffered Uplink Bytes | Total buffered uplink bytes. |
| Buffered Downlink Packets | Total buffered downlink packets. |
| Buffered Downlink Bytes | Total buffered downlink bytes. |
| Uplink Packets in Buffer | Total uplink packets in the buffer. |
| Uplink Bytes in Buffer | Total uplink bytes in the buffer. |
| Downlink Packets in Buffer | Total downlink packets in the buffer. |
| Downlink Bytes in Buffer | Total downlink bytes in the buffer. |
| Buff Over-limit Uplink Pkts | Total number of uplink packets that are over the limit in the buffer. |
| Buff Over-limit Uplink Bytes | Total number of uplink bytes that are over the limit in the buffer. |
| Buff Over-limit Downlink Pkts | Total number of downlink packets that are over the limit in the buffer. |

| Field | Description |
|---|---|
| Buff Over-limit Downlink Bytes | Total number of downlink bytes that are over the limit in the buffer. |
| CAE-Readdressing: | |
| Requests CAE-Readdressed | Total number of request readdressing done. |
| Responses CAE-Readdressed | Total number of response readdressing done. |
| Requests having xheader inserted | Total number of HTTP requests with x-headers inserted. |
| Total connect failed to CAE | Total number of connections failed to the CAE. |
| Total CAE-Readdressed Uplink Bytes | Total number of uplink bytes readdressed. |
| Total CAE-Readdressed Uplink Packets | Total number of uplink packets readdressed. |
| Total CAE-Readdressed Downlink Bytes | Total number of downlink bytes readdressed. |
| Total CAE-Readdressed Downlink Packets | Total number of downlink packets readdressed. |
| Flows connected to CAE | Total number of flows connected to the CAE. |
| Proxy Disable Success | Total number of flows with proxy disabled. |
| Proxy Disable Failed | Total number of times the proxy disable function failed. |
| Link Monitoring | |
| Average Throughput | The average TCP throughput of downlink TCP traffic towards the mobile device, in kbps. |
| Average RTT | The average TCP RTT (Round Trip Time) of downlink TCP traffic towards the mobile device, in milliseconds. |
| Tethering detection performed | Indicates whether tethering detection was performed. |
| Tethering detected | Indicates whether tethering was detected. |
| Total ACS flows matching specified criteria | The total ACS flows that match the specified criteria. |

show active-charging flows full type p2p

Table 56: show active-charging flows full type p2p Command Output Descriptions

| Field | Description |
|------------|--|
| Flow-ID | Identifier for flows. |
| Session-ID | Identifier for Active Charging session with P2P. |

| Field | Description |
|----------------------|--|
| Uplink Packets | Total packets uplinked. |
| Downlink Packets | Total packets downlinked. |
| Uplink Bytes | Total bytes uplinked. |
| Downlink Bytes | Total bytes downlinked. |
| Transport Protocol | The protocol used for data transport. |
| Application Protocol | The type of application protocol used for this session. |
| UDP Client Port | UDP port on client communication. |
| UDP Server Port | UDP port on server for communication. |
| ITC Action Applied | Status of Intelligent Traffic Control (ITC) on this session traffic. |

show active-charging flows type cdp

Table 57: show active-charging flows type cdp Command Output Descriptions

| Field | Description |
|------------|--|
| Session-ID | Identifier for Active Charging session with CDP. |
| Flow-ID | Identifier for Flows. |
| Flow-num | Identifies the flow number. |

| Field | Description |
|---------------------------|--|
| Application Protocol (VV) | <p>The protocol used for application.</p> <p>Supported application protocols are:</p> <ul style="list-style-type: none">• HT- HTTP• HS - HTTPS• SM - SMTP• P3 - POP3• WT - WTP• WS - WSP• DN - DNS• RT - RTP• EM - EMAIL• MM - MMS• FT - FTP• SI - SIP• WW - WWW• RS - RTSP• IM - IMAP• P2 - P2P• RC - RTCP• TF - TFTP• WC - WSP Connection Oriented• WX - WSP Connection-less• H3 - H323• PP - PPTP• RA - RADIUS• XX - Unknown |

| Field | Description |
|---|--|
| Transport Protocol (v) | The protocol used for data transport. Supported data transport protocols are: <ul style="list-style-type: none"> • T - TCP • U - UDP • I - ICMP and ICMPv6 • G - GREv1 • X - Unknown |
| Bytes-Up | Total bytes uplinked. |
| Bytes-Down | Total bytes downlinked. |
| Packets-Up | Total packets uplinked. |
| Packets-Down | Total packets downlinked. |
| Total ACS flows matching specified criteria | The total number of ACS flows matching the specified criteria. |

show active-charging flows type p2p

Table 58: show active-charging flows type p2p Command Output Descriptions

| Field | Description |
|------------|--|
| Flow-ID | Identifier for Flows. |
| Session-ID | Identifier for Active Charging session with P2P. |
| Flow-num | Identifies the flow number. |

| Field | Description |
|---------------------------|--|
| Application Protocol (VV) | <p>The protocol used for application.</p> <p>Supported application protocols are:</p> <ul style="list-style-type: none">• HT- HTTP• HS - HTTPS• SM - SMTP• P3 - POP3• WT - WTP• WS - WSP• DN - DNS• RT - RTP• EM - EMAIL• MM - MMS• FT - FTP• SI - SIP• WW - WWW• RS - RTSP• IM - IMAP• P2 - P2P• RC - RTCP• TF - TFTP• WC - WSP Connection Oriented• WX - WSP Connection-less• XX - Unknown• H3 - H323• PP - PPTP• M6 - MIPv6• XX - Unknown |

| Field | Description |
|------------------------|--|
| Transport Protocol (v) | The protocol used for data transport. Supported data transport protocols are: <ul style="list-style-type: none"> • T - TCP • U - UDP • I - ICMP and ICMPv6 • G - GREv1 • X - Unknown |
| Bytes-Up | Total bytes uplinked. |
| Bytes-Down | Total bytes downlinked. |
| Packets-Up | Total packets uplinked. |
| Packets-Down | Total packets downlinked. |
| Uplink Bytes | Total bytes uplinked. |
| Downlink Bytes | Total bytes downlinked. |
| Transport Protocol | The protocol used for data transport. |
| Application Protocol | The type of application protocol used for this session. |
| UDP Client Port | UDP port on client communication. |
| UDP Server Port | UDP port on server for communication. |
| ITC Action Applied | Status of intelligent traffic control (ITC) on this session traffic. |

show active-charging flow-mappings all

Table 59: show active-charging flow-mappings all Command Output Descriptions

| Field | Description |
|--------------------|--|
| Call-ID | The call identification number to which the data flow belongs. |
| MS IP | The IP address of the mobile subscriber. |
| MS NAT IP | The NAT IP address allocated to the mobile subscriber. |
| MS Server IP | The server IP address of the mobile subscriber. |
| Transport Protocol | The transport protocol of the flow: TCP or UDP |

| Field | Description |
|----------------------|---|
| TCP MS Port | The TCP port number of the mobile subscriber. |
| TCP MS NAT Port | The TCP NAT port number allocated to the mobile subscriber. This field is applicable for many-to-one NAT. |
| TCP Server Port | The TCP server port number for this flow (destination server port). |
| UDP MS Port | The UDP port number of the mobile subscriber. |
| UDP MS NAT Port | The UDP NAT port number allocated to the mobile subscriber. This field is applicable for many-to-one NAT. |
| UDP Server Port | The UDP server port number for this flow (destination server port). |
| Flow-Mapping timeout | The timeout after which the flow-mappings will be deleted. |
| Mapping Expiry | The time in seconds left for the flow-mapping timeout to happen. This value decrements starting from a maximum of "Flow-Mapping timeout". Upon this value reaching zero, the flow mapping will be deleted. |

show active-charging group-of-ruledefs name

Table 60: show active-charging group-of-ruledefs name Command Output Descriptions

| Field | Description |
|----------------------------------|--|
| Service Name | The service in which the specified group-of-ruledefs is configured. |
| Group-of-Ruledefs Name | Name of the group-of-ruledefs. |
| Ruledef Name | Names of the ruledefs added to the group-of-ruledefs. |
| Priority | The priorities configured for each of the ruledefs in the group-of-ruledefs. |
| Total group(s)-of-ruledefs found | The total number of group(s)-of-ruledefs matching the specified criteria. |

show active-charging nat statistics

Table 61: show active-charging nat statistics Command Output Descriptions

| Field | Description |
|-------------------------------|---|
| NAT Realm Utilization: | |
| Realm Name | Name of the NAT realm. |
| Context | Context in which the NAT realm is configured. |
| Current IP Address-In-Use | The number of IP addresses from the NAT realm currently in use. |
| Total IP Address | The total number of IP addresses for the NAT realm. |
| Current Calls Using-Realm | The number of current calls using the NAT realm. |
| Current Port-Chunks Available | The number of port chunks currently available. |
| Current Port-Chunks-In-Use | The number of port chunks currently in use. |
| Total Port-Chunks | The total number of port chunks for the NAT realm. |
| Port-Chunk Size | The size of the port chunks. |
| Statistics: | |
| Total AAA alloc msgs sent | The total number of AAA allocation messages sent. |
| Total AAA dealloc msgs sent | The total number of AAA deallocation messages sent. |
| Total flows denied IP | The total number of subscriber flows that were denied NAT IP address. |
| Total flows denied port | The total number of subscriber flows that were denied a port. |
| NAT44 flows denied IP | The total number of NAT44 flows that were denied NAT IP address. |
| NAT44 flows denied port | The total number of NAT44 flows that were denied a port. |
| NAT64 flows denied IP | The total number of NAT64 flows that were denied NAT IP address. |
| NAT64 flows denied port | The total number of NAT64 flows that were denied a port. |
| Total flows denied memory | The total number of flows that were denied memory. |
| NAT44 flows denied memory | The total number of NAT44 flows that were denied memory. |
| NAT64 flows denied memory | The total number of NAT64 flows that were denied memory. |
| Total bytes Transferred | The total number of bytes transferred. |

| Field | Description |
|--|---|
| Total flows processed | The total number of flows processed. |
| NAT44 bytes Transferred | The total number of NAT44 bytes transferred. |
| NAT44 flows processed | The total number of NAT44 flows processed. |
| NAT64 bytes Transferred | The total number of NAT64 bytes transferred. |
| NAT64 flows processed | The total number of NAT64 flows processed. |
| Average TCP port usage | The average TCP port usage in the allocated TCP ports, i.e out of allocated TCP ports how many got used. |
| Average UDP port usage | The average UDP port usage in the allocated UDP ports, i.e out of allocated UDP ports how many got used. |
| Average Others port usage | The average Others (ICMP or GRE) port usage in the allocated others ports, i.e out of allocated 'Others' ports how many got used. |
| Total IP Alloc Reqs | The total number of IP allocation requests. |
| Total IP Dealloc Reqs | The total number of IP deallocation requests. |
| Total Port-Chunk Alloc Reqs | The total number of port-chunk allocation requests. |
| Total Port-Chunk Dealloc Reqs | The total number of port-chunk deallocation requests. |
| Total IP Alloc failure | The total number of IP allocation failures. |
| Total Port-Chunk Alloc failure | The total number of port-chunk allocation failures. |
| Total IP Alloc Bounce | The total number of IP allocations that bounced. |
| Total IP Audit Req | The total number of IP audit requests. |
| Total IP Audit Failure | The total number of IP audit failures. |
| Total IP Alloc failure while recovery is in progress | The total number of IP allocation failures while recovery is in progress. |
| Total Port-Chunk Alloc failure while recovery is in progress | The total number of port-chunk allocation failures while recovery is in progress. |
| Port-Chunks distribution | |
| Max no.of chunks used | The maximum number of port chunks used. |
| Total no.of subscribers | Total number of subscribers using maximum number of port chunks. |
| Current no.of subscribers | Total number of current subscribers using maximum number of port chunks. |
| Total Realms | The total number of NAT realms found. |

```
show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num>
```

| Field | Description |
|---|--|
| Ports distribution | |
| Max no. of ports used | The maximum number of ports used. |
| Total no. of Subscribers | Total number of subscribers using maximum number of ports. |
| <p>Important The maximum number of ports used are divided into buckets of size 8, with the following two exceptions:</p> <p>The first bucket [0-8] includes not-on-demand calls, that is, subscribers who are allocated a port chunk without using any ports at all will fall into the first bucket.</p> <p>The last bucket [≥ 65] includes all subscribers using greater than 64 ports.</p> | |

show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num>

Table 62: show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num> Command Output Descriptions

| Field | Description |
|----------------------------------|---|
| Server IP address | Displays the IP address of the server(s). |
| Total Number of Unsolicited Pkts | Displays the number of unsolicited downlink packets received. |
| Total Number of ICMP-HU Sent | Displays the number of ICMP-HU packets sent. |

show active-charging p2p-dynamic-rules verbose

This command is not supported in this release.

show active-charging pcp-service all



Important This command is customer specific. For more information, contact your Cisco account representative.

Table 63: show active-charging pcp-service all Command Output Descriptions

| Field | Description |
|------------------------------|--------------------------|
| Active Charging Service Name | Name of the ACS service. |
| PCP Service Name | Name of the PCP service. |

| Field | Description |
|----------------------------|--|
| PCP Supported Version | The supported version number of the PCP service. |
| PCP IPv4 Address/Port | The IPv4 address or port number of the PCP service. |
| Policy Control Options | |
| Request Opcodes | |
| Map Opcode | Indicates whether Request Map opcode is enabled or not. |
| Map Options | The Request Map opcode options are: <ul style="list-style-type: none"> • filter • prefer-failure |
| Peer Opcode | Indicates whether Request Peer opcode is enabled or not. |
| Announce Opcode | Indicates whether Request Announce opcode is enabled or not. |
| Response Opcodes | |
| Map Life-Time | |
| Success | Indicates the lifetime for successful Map responses. |
| Long Error | Indicates the life-time for long error cases. |
| Short Error | Indicates the life-time for short error cases. |
| Peer Life-Time | |
| Success | Indicates the lifetime for successful Peer responses. |
| Long Error | Indicates the life-time for long error cases. |
| Short Error | Indicates the life-time for short error cases. |
| Total PCP Service(s) found | Total number of PCP services matching the specified criteria. |

show active-charging pcp-service name



Important This command is customer specific. For more information, contact your Cisco account representative.

Table 64: show active-charging pcp-service name Command Output Descriptions

| Field | Description |
|------------------------------|--------------------------|
| Active Charging Service Name | Name of the ACS service. |

| Field | Description |
|----------------------------|--|
| PCP Service Name | Name of the PCP service. |
| PCP Supported Version | The supported version number of the PCP service. |
| PCP IPv4 Address/Port | The IPv4 address or port number of the PCP service. |
| Policy Control Options | |
| Request Opcodes | |
| Map Opcode | Indicates whether Request Map opcode is enabled or not. |
| Map Options | The Request Map opcode options are: <ul style="list-style-type: none"> • filter • prefer-failure |
| Peer Opcode | Indicates whether Request Peer opcode is enabled or not. |
| Announce Opcode | Indicates whether Request Announce opcode is enabled or not. |
| Response Opcodes | |
| Map Life-Time | |
| Success | Indicates the lifetime for successful Map responses. |
| Long Error | Indicates the life-time for long error cases. |
| Short Error | Indicates the life-time for short error cases. |
| Peer Life-Time | |
| Success | Indicates the lifetime for successful Peer responses. |
| Long Error | Indicates the life-time for long error cases. |
| Short Error | Indicates the life-time for short error cases. |
| Total PCP Service(s) found | Total number of PCP services matching the specified criteria. |

show active-charging pcp-service statistics



Important

This command is customer specific. For more information, contact your Cisco account representative.

Table 65: show active-charging pcp-service statistics Command Output Descriptions

| Field | Description |
|------------------------------|---|
| Active Charging Service Name | Name of the ACS service. |
| PCP Service Name | Name of the PCP service. |
| Total PCP Subscribers | Total number of PCP enabled subscribers. |
| Current PCP Subscribers | Current number of PCP enabled subscribers. |
| IPv4: | |
| Total PCP Requests | Total number of request packets received for the PCP service. |
| Total PCP Responses | Total number of PCP Responses sent by the PCP service. |
| Total Unknown Requests | Total number of PCP Responses sent by the PCP service for unknown PCP Requests. |
| Total Invalid Requests | Total number of PCP Responses sent by the PCP service for unknown PCP Requests. |
| Map: | |
| Total Requests | Total number of PCP MAP requests received for the PCP service. |
| Total Responses | Total number of PCP MAP Responses sent by the PCP service. |
| Valid Requests | Total number of valid PCP MAP requests received for the PCP service. |
| Invalid Requests | Total number of invalid PCP MAP requests received for the PCP service. |
| Success Responses | Total number of successful PCP MAP responses sent by the PCP service. |
| Error Responses | Total number of error PCP MAP responses sent by the PCP service. |
| Peer: | |
| Total Requests | Total number of PCP PEER requests received for the PCP service. |
| Total Responses | Total number of PCP PEER Responses sent by the PCP service. |
| Valid Requests | Total number of valid PCP PEER requests received for the PCP service. |
| Invalid Requests | Total number of invalid PCP PEER requests received for the PCP service. |
| Success Responses | Total number of successful PCP PEER responses sent by the PCP service. |

| Field | Description |
|------------------------------|---|
| Error Responses | Total number of error PCP PEER responses sent by the PCP service. |
| Announce: | |
| Total Requests | Total number of PCP ANNOUNCE requests received for the PCP service. |
| Total Responses | Total number of PCP ANNOUNCE Responses sent by the PCP service. |
| Valid Requests | Total number of valid PCP ANNOUNCE requests received for the PCP service. |
| Invalid Requests | Total number of invalid PCP ANNOUNCE requests received for the PCP service. |
| Success Responses | Total number of successful PCP ANNOUNCE responses sent by the PCP service. |
| Error Responses | Total number of error PCP ANNOUNCE responses sent by the PCP service. |
| Total PCP Service(s) matched | Total number of PCP services matching the specified criteria. |

show active-charging radio-congestion policy all

Table 66: show active-charging radio-congestion policy all Command Output Descriptions

| Field | Description |
|-------------------------------|---|
| Service Name | Name of the Active Charging Service. |
| Radio Congestion Policy | Name of the Radio Congestion policy. |
| Sampling Interval | Indicates the sampling interval, in seconds. |
| Reporting Interval | |
| Num Of Samples Required | Indicates the number of samples required. |
| Min Samples Required Per Flow | Indicates the minimum number of samples required per flow. |
| Rtt Samples | Indicated the number of RTT (Round Trip Time) samples for base RTT. |
| Data Loss | |
| Threshold | Indicates the threshold value for data loss. |
| Weightage | Indicates the weightage value for data loss. |

| Field | Description |
|-------------------------|---|
| Rtt Variance | |
| Threshold | Indicates the threshold value for RTT variance. |
| Weightage | Indicates the weightage value for RTT variance. |
| Congestion-level | |
| Low | Indicates the low congestion level value. |
| Medium | Indicates the medium congestion level value. |
| High | Indicates the high congestion level value. |
| Extreme | Indicates the extreme congestion level value. |
| correlation-method | Indicates the configured correlation method used to correlate multiple flows of a subscriber. |

show active-charging radio-congestion policy statistics

Table 67: show active-charging radio-congestion policy statistics Command Output Descriptions

| Field | Description |
|---|---|
| Total Bytes Analyzed | Total number of bytes that were successfully analyzed. |
| Total Bytes Retransmitted | Total number of bytes that were successfully retransmitted. |
| Total RTT Samples Analyzed | Total number of RTT samples that were analyzed. |
| Total Reports Generated | Total number of reports generated to CAE. |
| Total Reports Generated with Congestion Level no | Total number of generated reports with no congestion. |
| Total Reports Generated with Congestion Level low | Total number of generated reports with low congestion. |
| Total Reports Generated with Congestion Level medium | Total number of generated reports with medium congestion. |
| Total Reports Generated with Congestion Level high | Total number of generated reports with high congestion. |
| Total Reports Generated with Congestion Level extreme | Total number of generated reports with extreme congestion. |
| Total Reports Send with Congestion Level no | Total number of generated sent with no congestion. |
| Total Reports Send with Congestion Level low | Total number of generated sent with low congestion. |
| Total Reports Send with Congestion Level medium | Total number of generated sent with medium congestion. |
| Total Reports Send with Congestion Level high | Total number of generated sent with high congestion. |
| Total Reports Send with Congestion Level extreme | Total number of generated sent with extreme congestion. |

| Field | Description |
|---|--|
| Total Flows Analyzed | Total number of flows that were successfully analyzed. |
| Total Flows Eligible for Correlation | Total number of flows eligible for correlation. |
| Total Flows with Congestion Level no | Total number of flows with no congestion. |
| Total Flows with Congestion Level low | Total number of flows with low congestion. |
| Total Flows with Congestion Level medium | Total number of flows with medium congestion. |
| Total Flows with Congestion Level high | Total number of flows with high congestion. |
| Total Flows with Congestion Level extreme | Total number of flows with extreme congestion. |

show active-charging readdress-server-list statistics all



Important This command is license dependent. For more information please contact your Cisco account representative.

Table 68: show active-charging readdress-server-list statistics all Command Output Descriptions

| Field | Description |
|-----------------|--|
| ACSMGR Instance | Total instances of ACS Manager. |
| Server List | The list name of the server. |
| Server | The IP address of the DNS server. |
| Port | The TCP port number used by the DNS server. |
| Total Requests | Total number of readdress requests to the DNS server. |
| Failed Requests | Total number of failed readdress requests to the DNS server. |
| Status | The status of the DNS server (Active/ Inactive) |
| Average RTT | Average Round Trip Time (RTT) for the response of the readdress requests sent to the server. |

show active-charging rulebase name

Table 69: show active-charging rulebase name Command Output Descriptions

| Field | Description |
|--|--|
| Service Name | Name of the Active Charging Service. |
| Rule Base Name | Name of the rulebase. |
| Transactional-Rule-Matching | Specifies if transactional rule matching is enabled or disabled. |
| Charging Action Priorities | |
| Name | Name of the charging ruledef / group-of-ruledefs. |
| Type | The ruledef / group-of-ruledefs type. <ul style="list-style-type: none"> • RD: Dynamic ruledef • RS: Static ruledef • RSD: Static and dynamic ruledef • GD: Dynamic group-of-ruledefs • GS: Static group-of-ruledefs • GSD: Static and dynamic group-of-ruledefs |
| Priority | Priority of the ruledef / group-of-ruledefs in the rulebase. |
| Charging-action | The charging action configured with the ruledef / group-of-ruledefs. |
| Timedef | The time definition configured with the ruledef / group-of-ruledefs. |
| Description | Description of the charging ruledef / group-of-ruledefs configuration. |
| Post-processing Action Priorities | |
| Name | Name of the Post-processing ruledef. |
| Type | The Post-processing ruledef type. |
| Priority | Priority of the Post-processing ruledef in the rulebase. |
| Charging-action | The charging action configured. |
| Description | Description of the Post-processing ruledef configuration. |
| Routing Action Priorities | |
| Ruledef Name | Name of the routing action ruledef. |

| Field | Description |
|-----------------------------------|--|
| Priority | Priority of the routing action ruledef in the rulebase. |
| Analyzer | Name of the applicable analyzer to routing action ruledef. |
| Description | Description of the routing ruledef configuration. |
| Firewall Action Priorities | |
| Ruledef Name | Name of the Stateful Firewall ruledef. |
| Type | Indicates the Stateful Firewall ruledef type. <ul style="list-style-type: none"> • FD: Firewall Dynamic Ruledef—Predefined and disabled Stateful Firewall rules that can be enabled/disabled by the policy server. • FS: Firewall Static Ruledef—Predefined and enabled Stateful Firewall rules that cannot be modified by the policy server. • FSDP: Firewall Static & Dynamic Ruledef—Predefined and enabled Stateful Firewall rules that can be disabled/enabled by the policy server. |
| Priority | Priority of the Stateful Firewall ruledef in the rulebase. |
| Charging-action | The charging action configured. |
| Port-trigger aux-ports:direction | The auxiliary ports open for traffic, and the direction from which the auxiliary connection is initiated. |
| EGCDR Fields | |
| Tariff Time thresholds (min:hrs) | Threshold for tariff in minutes and hours. |
| Internal Threshold | Internal threshold to generate eG-CDRs in seconds. |
| Uplink Octets | Total number of octets uplinked. |
| Downlink Octets | Total number of octets downlinked. |
| Total Octets | Total number of octets uplinked and downlinked. |
| Time Based Metering | Status of time based metering. |
| Content Filtering Group | Status of Content Filtering Server Group support for offline content filtering server (ICAP) support. |
| Content Filtering Flow Any Error | Indicates whether Content Filtering packets are allowed/discarded in case of ACS error scenarios. This field is displayed only if either the Content Filtering mode or, ICAP server-group is configured. |
| Content Filtering Policy | The Content Filtering policy. |

| Field | Description |
|--|---|
| Content Filtering Mode | Indicates the Content Filtering mode. <ul style="list-style-type: none"> • Static • Static-and-dynamic |
| URL-Blacklisting Action | Indicates action to be taken on URL Blacklisting match. |
| Tethering Detection | Indicates whether tethering detection is enabled or disabled. |
| OS-based Detection | Indicates if detection is enabled or disabled for IPv4 and IPv6 OS databases. |
| UA-based Detection | Indicates if UA based detection is enabled or disabled. |
| Tethering Detection (ip-ttl) | Indicates if IP-TTL based tethering detection is enabled or disabled. |
| DNS Based Detection | Indicates if DNS-based tethering detection is enabled or disabled. |
| Ip-ttl Values | Displays TTL values (space separated) configured for detecting tethered flows. |
| Max SYN detection in a flow | Displays the maximum number of SYN packets detected in a flow. |
| UDR Fields | |
| Tariff Time thresholds (min:hrs) | Threshold for tariff, in minutes and hours. |
| Interval Threshold | Interval threshold to generate UDRs, in seconds. |
| Uplink Octets | Total number of octets uplinked. |
| Downlink Octets | Total number of octets downlinked. |
| First Hit Content-Id Trigger | Indicates whether the First Hit Content ID trigger is enabled or disabled. This is a customer-specific field and is only available in 8.3 and later releases. |
| Tariff time trigger | Indicates whether the Tariff Time trigger is enabled or disabled. If enabled, this field displays the configured tariff time value. |
| NEMO Prefix Update Trigger | Indicates whether the NEMO Prefix Update trigger is enabled or disabled. Important This field will be available only when the NEMO license is configured. |
| Total Octets | Total number of octets uplinked and downlinked. |
| CCA Fields | |
| Information regarding Credit Control Application for prepaid charging. | |

| Field | Description |
|---------------------------------|--|
| RADIUS charging context | Name of the RADIUS charging context. |
| RADIUS Charging Group | Name of RADIUS charging server group. |
| RADIUS interim interval | Interim interval for RADIUS charging generation. |
| DIAMETER Requested Service Unit | Information regarding requested service unit for prepaid charging through Diameter. |
| Uplink Octets | Total number of octets uplinked in Diameter charging. |
| Downlink Octets | Total number of octets downlinked in Diameter charging. |
| Total Octets | Total number of octets uplinked and downlinked in Diameter charging. |
| Quota Retry Time | Duration set to retry for prepaid credit limit. |
| Quota Holding Time (QHT) | Status of quota holding time configuration. |
| Quota Time Duration Algorithms | Applicable algorithm for quota time duration. |
| Flow End Condition | Status of flow end condition configuration. |
| Handoff | Indicates whether EDRs are generated for handoffs. |
| Timeout | Indicates whether EDRs are generated for timeouts. |
| Normal-end-signaling | Indicates whether EDRs are generated for normal end signaling. |
| Session-end | Indicates whether EDRs are generated for session ends. |
| Hagr | Indicates whether EDRs are generated for HAGR. |
| Content-Filtering | Indicates whether EDRs are generated for Content Filtering. |
| edr-format | Name of the EDR format. |
| Flow Any Error Charging Action | Indicates the charging action configured for accounting action on packets dropped by Firewall due to any error. If disabled, no accounting is performed on such packets. |
| Billing Records | Status of billing record generation. |
| Limit For Total Flows | Status of flow limit setting across all applications. |
| Limit For TCP Flows | Status of TCP flow limit setting. |
| Limit For Non-TCP Flows | Status of non-TCP flow limit setting. |
| Charging Rule Optimization | Type of optimization rule setting for charging. |
| Firewall Configuration | |
| Dos-Protection | |

| Field | Description |
|--------------------------------|---|
| Source-Route | Indicates status of protection against IP Source Route IP Option attacks. |
| Win-Nuke | Indicates status of protection against Win Nuke attacks. |
| Mime-Flood | Indicates status of protection against MIME Flood attacks. |
| FTP-Bounce | Indicates status of protection against FTP Bounce attacks. |
| IP-Unaligned-Timestamp | Indicates status of protection against IP Unaligned Timestamp attacks. |
| Seq-Number-Prediction | Indicates status of protection against Sequence Number Prediction attacks. |
| TCP-Window-Containment | Indicates status of protection against TCP Window Containment. |
| Teardrop | Indicates status of protection against Teardrop attacks. |
| UDP Flooding | Indicates status of protection against UDP Flooding attacks. |
| ICMP Flooding | Indicates status of protection against ICMP Flooding attacks. |
| SYN Flooding | Indicates status of protection against SYN Flooding attacks. |
| Port Scan | Indicates status of protection against Port Scan attacks. |
| Max-Packet-Size | |
| ICMP | For ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall. |
| Non-ICMP | For non-ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall. |
| Flooding | |
| ICMP limit | The maximum number of ICMP packets allowed during a sampling interval. |
| UDP limit | The maximum number of UDP packets allowed during a sampling interval. |
| TCP-SYN limit | The maximum number of TCP-SYN packets allowed during a sampling interval. |
| Sampling Interval | The flooding sampling interval, in seconds. |
| TCP-SYN Flood Intercept | |

| Field | Description |
|---|--|
| Mode | The TCP SYN flood intercept mode. <ul style="list-style-type: none"> • none • intercept • watch |
| Max-Attempts | The maximum number of attempts for sending proxy SYN to the target. |
| Retrans-timeout | The SYN-Proxy retransmit timeout, in seconds. |
| Watch-timeout | The TCP intercept watch timeout, in seconds. |
| Mime-Flood Params | |
| HTTP Header-Limit | The maximum number of headers allowed in an HTTP packet. |
| HTTP Max-Header-Field-Size | The maximum header field size allowed in an HTTP header, in bytes. |
| No Firewall Ruledef Match Action | |
| Uplink Action | Action configured for uplink packets with no Stateful Firewall ruledef matches. |
| Uplink Charging-Action | Charging action configured for uplink packets with no Stateful Firewall ruledef matches. |
| Downlink Action | Action configured for downlink packets with no Stateful Firewall ruledef matches. |
| Downlink Charging-Action | Charging action configured for downlink packets with no Stateful Firewall ruledef matches. |
| ICMP Dest-Unreachable Threshold | Indicates whether a threshold limit is set on the number of ICMP error messages sent by the subscriber for a particular data flow. |
| ICMP Dest-Unreachable Threshold Value | The threshold value set for the number of ICMP error messages sent by the subscriber for a particular data flow. |
| QoS Renegotiation Timeout | The timeout setting for the Quality of Service (QoS) Renegotiation feature. |
| EDR Suppress zero byte records | Indicates whether EDR suppression of zero byte records is enabled. |
| EDR Timestamp Rounding | Type of timestamp rounding set for Event Detail Records. |
| EGCDR Timestamp Rounding | Type of timestamp rounding set for eG-CDRs. |
| RTP Dynamic Routing | Status of RTP dynamic routing configuration. |

| Field | Description |
|--|---|
| Ignore port no. in application headers | Status of ignoring port numbers in application headers. |
| Delayed Charging | Status of charging configuration to exclude initial handshaking TCP packets from charging. |
| IP Reassembly-Timeout | IP reassembly timeout period in milliseconds. |
| IP Reset ToS field | Status of IP Reset ToS field. |
| TCP Out-of-Order-Timeout | TCP out-of-order timeout period in milliseconds. |
| TCP 2MSL Timeout | TCP 2MSL timeout period in seconds. |
| Port Reuse | Indicates whether the Port Reuse feature is enabled or disabled. |
| WTP Out-of-Order-Timeout | WTP out-of-order timeout period in milliseconds. |
| TCP transmit-out-of-order-packets | Status of transmitting TCP out-of-order packets. |
| Verify TCP checksum | Status of verifying TCP checksum errors. |
| Verify UDP checksum | Status of verifying UDP checksum errors. |
| P2P Dynamic Routing | Status of P2P dynamic routing. |
| Total rulebase(s) found | Total number of rulebases matching the criteria. |
| CAE-Readdressing | Indicates whether CAE re-addressing on the Mobile Video Gateway is enabled or disabled. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| Override Control | Indicates whether the Override Control feature is enabled or disabled. |
| Percentage Rate Reduction | If enabled, indicates the configured bit rate reduction for mobile video as a percentage of the input bit rate. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| HTTP header-parse-limit | For a customer-specific feature, this field indicates the HTTP header parse limit, in bytes. On exceeding this limit the flow is marked as permanent failure and is matched and charged against http error = TRUE ruledef. If the feature is disabled, shows "disabled". |
| TFT updates to UE for default bearer | Indicate if the selective TFT suppression feature is enabled or disabled for the default bearer. |
| UIDH Insertion | Specifies if UIDH Insertion is enabled or disabled. |

| Field | Description |
|---------------|---------------------------------|
| Server-name | Specifies the UIDH server name. |
| URL Whitelist | |

show active-charging rulebase statistics

Table 70: show active-charging rulebase statistics Command Output Descriptions

| Field | Description |
|--|---|
| Service Name | Name of the ACS service. |
| Rulebase Name | Name of the rulebase. |
| Uplink Pkts | Total number of packets uplinked. |
| Uplink Bytes | Total number of bytes uplinked. |
| Downlink Pkts | Total number of packets downlinked. |
| Downlink Bytes | Total number of bytes downlinked. |
| Readdressed Upl Pkts | Total number of readdressed uplinked packets. |
| Readdressed Upl Bytes | Total number of readdressed uplinked bytes. |
| Readdressed Dnl Pkts | Total number of readdressed downlinked packets. |
| Readdressed Dnl Bytes | Total number of readdressed downlinked bytes. |
| TCP MSS Inserted Pkts | Total number of TCP Maximum Segment Size (MSS) inserted packets. |
| TCP MSS Limited Pkts | Total number of TCP MSS limited packets. |
| TCP 2msl port reuse | Total number of TCP connections reopened within 2msl timeframe. |
| ITC Terminated Flows | Total number of ITC terminated flows. |
| Total PP Dropped Packets | Total number of packets dropped. |
| Total PP Dropped Packet Bytes | Total number of bytes dropped. |
| R7Gx Rule-Matching Failure Stats: | |
| Total Dropped Packets | Total number of packets dropped by R7Gx due to rule matching failure, for the rulebase. |
| Total Dropped Packet Bytes | Total number of bytes dropped by R7Gx due to rule matching failure, for the rulebase. |

| Field | Description |
|---|---|
| TCP-proxy reset for non-SYN flows | Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. |
| EDRs | |
| Total EDRs generated | Total number of EDRs generated. |
| EDRs generated for handoff | Total number of EDRs generated for handoffs. |
| EDRs generated for timeout | Total number of EDRs generated for timeouts. |
| EDRs generated for normal-end-signaling | Total number of EDRs generated for normal end signaling. |
| EDRs generated for session end | Total number of EDRs generated for session ending. |
| EDRs generated for rule match | Total number of EDRs generated for rule matches. |
| EDRs generated for hagr | Total number of EDRs generated for HAGR. |
| EDRs generated for flow-end content-filtering | Total number of EDRs generated for flow-end Category-based Content Filtering. |
| EDRs generated for flow-end url-blacklisting | Total number of EDRs generated for flow-end URL Blacklisting. |
| EDRs generated for content-filtering | Total number of EDRs generated for Category-based Content Filtering. |
| EDRs generated for url-blacklisting | Total number of EDRs generated for URL Blacklisting. |
| EDRs generated for any-error packets | Total number of EDRs generated for any-error packets. |
| EDRs generated for firewall deny rule match | Total number of EDRs generated for firewall deny rule match. |
| EDRs generated for transaction completion | Total number of EDRs generated for completion of transactions. |
| EDRs generated for voip call end | Total number of EDRs generated on completion of voice calls. |
| EDRs generated for audio-end Sessions | Total number of EDRs generated on completion of audio sessions. |
| EDRs generated for video-end Sessions | Total number of EDRs generated on completion of video sessions. |
| Total Flow-Overflow EDRs | Total number of Flow-Overflow EDRs. |
| UDRs | |
| Total UDRs generated | Total number of UDRs generated. |
| UDRs generated for handoff | Total number of UDRs generated for handoffs. |
| UDRs generated for time limit | Total number of UDRs generated for time limits. |
| UDRs generated for volume limit | Total number of UDRs generated for volume limits. |
| UDRs generated for call end | Total number of UDRs generated for call endings. |

| Field | Description |
|---|---|
| UDRs generated for hagr | Total number of UDRs generated for HAGR. |
| UDRs generated for first-hit per content-id | Total number of UDRs generated for first hit content-Id trigger. |
| UDRs generated for CCRU response | Total number of UDRs generated for CCR-U response. |
| UDRs generated for offline charging | Total number of UDRs generated when offline charging trigger is received from DCCA. |
| UDRs generated for tariff time | Total number of UDRs generated when tariff time trigger is received. |
| UDRs generated for NEMO prefix update | Total number of UDRs generated for NEMO update event. Important This field is customer specific, and is available only with NEMO license. |
| GCDRs | |
| Total EGCDRs generated | Total number of eG-CDRs generated. |
| GCDRs for Normal Release | Total number of G-CDRs generated for normal releases. |
| GCDRs for Abnormal Release | Total number of G-CDRs generated for abnormal releases. |
| GCDRs for Volume Limit | Total number of G-CDRs generated for volume limits. |
| GCDRs for Time Limit | Total number of G-CDRs generated for time limits. |
| GCDRs for SGSN Change | Total number of G-CDRs generated for SGSN change. |
| GCDRs for Max Change Cond | Total number of G-CDRs generated for maximum change condition. |
| GCDRs for Mgmt Intervention | Total number of G-CDRs generated for management interventions. |
| GCDRs for RAT Change | Total number of G-CDRs generated for RAT changes. |
| GCDRs for MS Timezone Change | Total number of G-CDRs generated for MS timezone changes. |
| GCDRs for SGSN PLMN ID Change | Total number of G-CDRs generated for SGSN PLMN ID changes. |
| PGWCDRs for Normal Release | Total number of PGW-CDRs generated for normal releases. |
| PGWCDRs for Abnormal Release | Total number of PGW-CDRs generated for abnormal releases. |
| PGWCDRs for Volume Limit | Total number of PGW-CDRs generated for volume limits. |
| PGWCDRs for Time Limit | Total number of PGW-CDRs generated for time limits. |
| PGWCDRs for ServingNode Change | Total number of PGW-CDRs generated for Serving Node change. |
| PGWCDRs for Max Change Cond | Total number of PGW-CDRs generated for maximum change condition. |

| Field | Description |
|--|--|
| PGWCDRs for Mgmt Intervention | Total number of PGW-CDRs generated for management interventions. |
| PGWCDRs for RAT Change | Total number of PGW-CDRs generated for RAT changes. |
| PGWCDRs for MS Timezone Change | Total number of PGW-CDRs generated for MS timezone changes. |
| PGWCDRs for SGSN PLMN ID Change | Total number of PGW-CDRs generated for SGSN PLMN ID changes. |
| NBRs | NAT Binding Record (NBR) statistics. These fields are displayed, only if configured, in 8.3 and later releases. |
| Total NBRs generated | Total number of NBRs generated. |
| NBRs generated for port chunk allocation | Total number of NBRs generated for port chunk allocation. |
| NBRs generated for port chunk release | Total number of NBRs generated for port chunk release. |
| CAE-Readdressing: | |
| Requests CAE-Readdressed | Total number of request readdressing done. |
| Responses CAE-Readdressed | Total number of response readdressing done. |
| Requests having xheader inserted | Total number of HTTP requests with x-headers inserted. |
| Total CAE-Readdressed Uplink Bytes | Total number of uplink bytes readdressed. |
| Total CAE-Readdressed Uplink Packets | Total number of uplink packets readdressed. |
| Total CAE-Readdressed Downlink Bytes | Total number of downlink bytes readdressed. |
| Total CAE-Readdressed Downlink Packets | Total number of downlink packets readdressed. |
| Total Charging action hit - Req. Readdr. | Total number of charging action hits based on HTTP request. |
| Total Charging action hit - Resp. Readdr | Total number of charging action hits based on HTTP response. |
| Proxy Disable Success | Total number of flows with proxy disabled. |
| Flows connected to CAE | Total number of flows connected to the CAE. |
| CAE Readdressing Error Conditions | |
| Total connect failed to CAE | Total number of connections failed to the CAE. |
| Req. Readdr. - pipelined case | Total number of pipelined requests skipped from doing readdressing. |
| Resp. Readdr. - pipelined case | Total number of pipelined response skipped from doing readdressing. |

| Field | Description |
|--|--|
| Req. Readdr. - Socket Mig. failed | Total number of TCP socket migration failure during request readdressing. |
| Skipped Resp. Readdr. - partial resp hdr | Total number of response readdressing skipped due to partial response. |
| Resp. Readdr. - Socket Mig. failed | Total number of TCP socket migration failure during response readdressing. |
| Total CAE load balancer failed | Total number of load balancer failures to find the video server (CAE) for readdressing. |
| Total MVG xheader insertion failed | Total number of MVG x-header insertion failures. Important In release 20.0, MVG is not supported. For more information, contact your Cisco account representative. |
| Proxy Disable Failed | Total number of times the proxy disable function failed. |
| Tethering Detection | |
| TAC ID lookups | Total number of TAC ID lookups. |
| TAC ID matches | Total number of TAC IDs matched. |
| OS signatures lookups | Total number of OS signatures lookups. |
| OS signatures matches | Total number of OS signatures matched. |
| IPv6 OS signatures lookups | Total number of IPv6 OS signatures lookups. |
| IPv6 OS signatures matches | Total number of IPv6 OS signatures matched. |
| UA signatures lookups | Total number of UA signatures lookups. |
| UA signatures matches | Total number of UA signatures matched. |
| Total flows scanned | Total number of flows scanned. |
| Tethered flows detected | Total number of tethered flows detected. |
| Non-tethered flows detected | Total number of non-tethered flows detected. |
| TRM Statistics: | |
| Bypassed rule-matching | Total number of requests that bypassed rule matching, using the cached rule match instead. |
| Rule-matching bypass triggered | Total number of times a flow or transaction was put into bypass state, bypassing additional rule matching. |
| Failed to create dynamic flow element | Total number of times a flow or transaction failed to go into bypass state due to a shortage of memory control blocks for a dynamic rule list element. |

| Field | Description |
|---|---|
| Flow cleared, rule not found | Total number of times TRM was cleared from a flow or transaction due to the cached rule no longer being available (i.e. deleted from config). |
| Flow cleared, rule stats not found | Total number of times TRM was cleared from a flow or transaction due to the cached rule's statistics no longer being available (i.e. deleted from config). |
| Flow cleared, group not found | Total number of times TRM was cleared from a flow or transaction due to the group no longer being available (i.e. deleted from config). |
| Flow cleared, group rule error | Total number of times TRM was cleared from a flow or transaction due to the group's rule no longer matching the cached rule (i.e. config change). |
| Flow cleared, rule error | Total number of times TRM was cleared from a flow or transaction due to the rule ID in the rule control block no longer matching the cached rule ID (i.e. config change). |
| Flow cleared, rule expired | Total number of times TRM was cleared from a flow or transaction due to the expiry of a dynamic rule's time. |
| Flow cleared, pkts not forwarded | Total number of times TRM was cleared from a flow or transaction due to the packet not being forwarded for some reason (i.e. user QoS or out of quota). |
| Flow cleared, pkts buffered | Number of times TRM was cleared from a flow or transaction due to the packet being buffered for later transmit (i.e. quota redirect). |
| Flow cleared, SEF event | Total number of times TRM was cleared from a flow or transaction due to a user modification event (i.e. QoS change, policy change, etc). |
| Flow cleared, egcdr bucket idle time out | Total number of times TRM was cleared from a flow or transaction due to service idle timeout expiry of eG-CDR bucket. |
| FastPath Eligible Flows | Number of data flows which were fastpath eligible for this rulebase. |
| FastPath Packets | Number of data packets processed in fastpath for this rulebase. |
| FastPath Failures | Number of fastpath packet errors encountered for this rulebase. |
| Override Control Install Statistics: | |
| Total number of Overrides Received | Total number of overrides received for the specified rulebase. |
| Total number of Overrides Succeeded | Total number of overrides succeeded for the specified rulebase. |
| Total number of Overrides Failed | Total number of overrides failed for the specified rulebase. |

| Field | Description |
|---|--|
| Total number of Subscribers | Total number of subscribers with override control in the specified rulebase. |
| Disable Override Control Statistics: | |
| Total number of Disables Received | Total number of disable overrides received for the specified rulebase. |
| Total number of Disables Succeeded | Total number of disable overrides succeeded for the specified rulebase. |
| Total number of Disables Failed | Total number of disable overrides failed for the specified rulebase. |

show active-charging rulebase statistics name

Table 71: show active-charging rulebase statistics name Command Output Descriptions

| Field | Description |
|-----------------------------|--|
| Service Name | Name of the Active Charging Service. |
| Rulebase Name | Name of the rulebase. |
| Uplink Pkts | Total number of packets uplinked. |
| Uplink Bytes | Total number of bytes uplinked. |
| Downlink Pkts | Total number of packets downlinked. |
| Downlink Bytes | Total number of bytes downlinked. |
| Readdressed Upl Pkts | Total number of readdressed uplink packets. |
| Readdressed Upl Bytes | Total number of readdressed uplink bytes. |
| Readdressed Dnl Pkts | Total number of readdressed downlink packets. |
| Readdressed Dnl Bytes | Total number of readdressed downlink bytes. |
| Total Readdressing Failures | Total number of packets with readdressing failures. |
| Non Syn Flow | Total number of readdressing packets with a non SYN flow failure. |
| Duplicate Key | Total number of readdressing packets with a duplicate key failure. |
| Dropped Pkts | Total number of packets discarded on readdressing failure. |
| TCP MSS Inserted Pkts | Total number of Maximum Segment Size (MSS) inserted packets. |
| TCP MSS Limited Pkts | Total number of MSS limited packets. |

| Field | Description |
|---|---|
| TCP MSS Limited Pkts | Total number of MSS limited packets. |
| TCP 2msl port reuse | Total number of TCP connections reopened within 2msl timeframe. |
| Total PP Dropped Packets | Total number of packets dropped. |
| Total PP Dropped Packet Bytes | Total number of bytes dropped. |
| One Time Hit PCC Rule Matched | Total number of matches for one time hit PCC rules. |
| R7Gx Rule-Matching Failure Stats: | |
| Total Dropped Packets | Total number of packets dropped by R7Gx due to rule matching failure, for the rulebase. |
| Total Dropped Packet Bytes | Total number of bytes dropped by R7Gx due to rule matching failure, for the rulebase. |
| P2P random drop stats: | |
| Total Dropped Packets | Total number of packets dropped due to random drop to degrade voice quality. |
| Total Dropped Packet Bytes | Total number of bytes dropped due to random drop to degrade voice quality. |
| Predefined Rule Retention Statistics: | |
| Total number of Predefined Retention Succeeded | Total number of predefined retention succeeded. |
| Total number of Predefined Retention Failed | Total number of predefined retention failed. |
| Predefined Rule Installation Statistics: | |
| Total Number of Installation Received | Total number of predefined installation received. |
| Total Number of Installation Succeeded | Total number of predefined installation succeeded. |
| Total Number of Installation Failed | Total number of predefined installation failed. |
| Predefined Rule Removal Statistics: | |
| Total Number of Removal Received | Total number of predefined removal received. |
| Total Number of Removal Succeeded | Total number of predefined removal succeeded. |
| Total Number of Removal Failed | Total number of predefined removal failed. |
| Charging EDRs: | |
| Total Charging EDRs generated | Total number of EDRs generated. |
| EDRs generated for handoff | Total number of EDRs generated for handoffs. |

| Field | Description |
|--|---|
| EDRs generated for timeout | Total number of EDRs generated for timeouts. |
| EDRs generated for normal-end-signaling | Total number of EDRs generated for normal end signaling. |
| EDRs generated for session end | Total number of EDRs generated for session ends. |
| EDRs generated for rule match | Total number of EDRs generated for rule matches. |
| EDRs generated for hagr | Total number of EDRs generated for HAGR. |
| EDRs generated for flow-end content-filtering | Total number of EDRs generated for flow-end content filtering. |
| EDRs generated for content-filtering | Total number of EDRs generated for content filtering. |
| EDRs generated for any-error packets | Total number of EDRs generated for packets dropped by Firewall due to any error. |
| EDRs generated for firewall deny rule match | Total number of EDRs generated for firewall deny rule matches. |
| EDRs generated for voip call end | Total number of EDRs generated on completion of voice calls. |
| EDRs generated for dcca failure handling | Total number of EDRs generated for DCCA failure handling. |
| EDRs generated for audio-end Sessions | Total number of EDRs generated on completion of audio sessions. |
| EDRs generated for video-end Sessions | Total number of EDRs generated on completion of video sessions. |
| EDRs generated for tethering signature change | Total number of EDRs generated for tethering signature change. |
| Reporting EDRs: | |
| Total Reporting EDRs generated | Total number of REDRs generated. |
| REDRs generated for handoff | Total number of REDRs generated for handoffs. |
| REDRs generated for timeout | Total number of REDRs generated for timeouts. |
| REDRs generated for normal-end-signaling | Total number of REDRs generated for normal end signaling. |
| REDRs generated for session end | Total number of REDRs generated for session ends. |
| REDRs generated for rule match | Total number of REDRs generated for rule matches. |
| REDRs generated for hagr | Total number of REDRs generated for HAGR. |
| REDRs generated for flow-end content-filtering | Total number of REDRs generated for flow-end content filtering. |
| REDRs generated for flow-end url-blacklisting | Total number of REDRs generated for flow-end url-blacklisting. |
| EDRs generated for content-filtering | Total number of REDRs generated for content filtering. |
| REDRs generated for url-blacklisting | Total number of REDRs generated for url-blacklisting. |
| REDRs generated for any-error packets | Total number of REDRs generated for packets dropped by Firewall due to any error. |

| Field | Description |
|--|---|
| REDRs generated for firewall deny rule match | Total number of REDRs generated for firewall deny rule matches. |
| REDRs generated for transaction completion | Total number of REDRs generated for transaction completion. |
| REDRs generated for voip call end | Total number of REDRs generated on completion of voice calls. |
| REDRs generated for tethering signature change | Total number of REDRs generated for tethering signature change. |
| UDRs: | |
| Total UDRs generated | Total number of UDRs generated. |
| UDRs generated for handoff | Total number of UDRs generated for handoffs. |
| UDRs generated for time limit | Total number of UDRs generated for time limits. |
| UDRs generated for volume limit | Total number of UDRs generated for volume limits. |
| UDRs generated for call end | Total number of UDRs generated for call ends. |
| UDRs generated for hagr | Total number of UDRs generated for HAGR. |
| GCDRs: | |
| Total EGCDRs generated | Total number of eG-CDRs generated. |
| GCDRs for Normal Release | Total number of G-CDRs generated for normal releases. |
| GCDRs for Abnormal Release | Total number of G-CDRs generated for abnormal releases. |
| GCDRs for Volume Limit | Total number of G-CDRs generated for volume limits. |
| GCDRs for Time Limit | Total number of G-CDRs generated for time limits. |
| GCDRs for SGSN Change | Total number of G-CDRs generated for SGSN changes. |
| GCDRs for Max Change Cond | Total number of G-CDRs generated for maximum change condition. |
| GCDRs for Mgmt Intervention | Total number of G-CDRs generated for management interventions. |
| GCDRs for RAT Change | Total number of G-CDRs generated for RAT changes. |
| GCDRs for MS Timezone Change | Total number of G-CDRs generated for MS timezone changes. |
| GCDRs for SGSN PLMN ID Change | Total number of G-CDRs generated for SGSN PLMN ID changes. |
| Total rulebases matched | Total number of rulebases that matched the specified criteria. |
| Tethering Detection stats: | |
| TAC ID lookups | Total number of TAC ID lookups. |
| TAC ID matches | Total number of TAC ID matches. |

| Field | Description |
|--|--|
| OS signature lookups | Total number of OS signature lookups. |
| OS signature matches | Total number of OS signature matches. |
| UA signature lookups | Total number of UA signature lookups. |
| UA signature matches | Total number of UA signature matches. |
| Total flows scanned | Total number of flows scanned for tethering detection. |
| Tethered flows detected | Total number of tethered flows detected. |
| Tethered Uplink Packets | Total number of uplink packets for tethered flows. |
| Tethered Downlink Packets | Total number of downlink packets for tethered flows. |
| Tethering Detection Statistics (ip-ttl) | |
| Total flows scanned | Total number of flows scanned. |
| Tethered flows detected | Total number of tethered flows detected. |
| Tethered uplink packets | Total number of uplink packets for tethered flows. |
| Tethered downlink packets | Total number of downlink packets for tethered flows. |
| Change Statistics for Multiple SYN in Flow: | |
| Tethered to Non-Tethered | This counter is updated when previous SYN has tethered signature and new SYN has non-tethered signature. |
| Non-Tethered to Tethered | This counter is updated when previous SYN has non-tethered signature and new SYN has tethered signature. |
| Tethered to Tethered | This counter is updated when previous SYN has tethered signature and new SYN also has tethered signature. |
| Non-Tethered to Non-Tethered | This counter is updated when previous SYN has non-tethered signature and new SYN also has non-tethered signature. |
| Header Enrichment stats: | |
| HTTP header buffering limit reached | Total number of times the HTTP header buffering fails due to the maximum buffering limit reached. On a header buffering failure, the buffered packets are flushed and sent out without modification, and rule matching is performed on the last packet where the header finished. |
| Enterprise-ID received over Gx | Indicates the Enterprise ID of a user that PCRF sends in a custom-AVP over the Gx interface. |
| TRM Statistics: | |

| Field | Description |
|---------------------------------------|---|
| Bypassed rule-matching | Total number of requests that bypassed rule matching, using the cached rule match instead. |
| Rule-matching bypass triggered | Total number of times a flow or transaction was put into bypass state, bypassing additional rule matching. |
| Failed to create dynamic flow element | Total number of times a flow or transaction failed to go into bypass state due to a shortage of memory control blocks for a dynamic rule list element. |
| Flow cleared, rule not found | Total number of times TRM was cleared from a flow or transaction due to the cached rule no longer being available (i.e. deleted from config). |
| Flow cleared, rule stats not found | Total number of times TRM was cleared from a flow or transaction due to the cached rule's statistics no longer being available (i.e. deleted from config). |
| Flow cleared, group not found | Total number of times TRM was cleared from a flow or transaction due to the group no longer being available (i.e. deleted from config). |
| Flow cleared, group rule error | Total number of times TRM was cleared from a flow or transaction due to the group's rule no longer matching the cached rule (i.e. config change). |
| Flow cleared, rule error | Total number of times TRM was cleared from a flow or transaction due to the rule ID in the rule control block no longer matching the cached rule ID (i.e. config change). |
| Flow cleared, rule expired | Total number of times TRM was cleared from a flow or transaction due to the expiry of a dynamic rule's time. |
| Flow cleared, pkts not forwarded | Total number of times TRM was cleared from a flow or transaction due to the packet not being forwarded for some reason (i.e. user QoS or out of quota). |
| Flow cleared, pkts buffered | Number of times TRM was cleared from a flow or transaction due to the packet being buffered for later transmit (i.e. quota redirect). |
| Flow cleared, SEF event | Total number of times TRM was cleared from a flow or transaction due to a user modification event (i.e. QoS change, policy change, etc). |
| FastPath Eligible Flows | Number of data flows which were fastpath eligible for this rulebase. |
| FastPath Packets | Number of data packets processed in fastpath for this rulebase. |
| FastPath Failures | Number of fastpath packet errors encountered for this rulebase. |
| URL-Readdressing: | |

| Field | Description |
|--|--|
| Requests URL-Readdressed | Total number of URL-readdressed requests. |
| Total Charging action hit - Req. Readdr. | Total number of charging action hits based on request readdressing. |
| Proxy Disable Success | Total number of flows with proxy disabled. |
| Flows connected to URL Server | Total number of flows connected to URL server. |
| URL Readdressing Error Conditions: | |
| Total connect failed to URL Server | Total number of failed connections to the URL server. |
| URL Readdress - pipelined case | Total number of pipelined requests skipped during URL readdressing. |
| URL Readdress - Socket Mig. failed | Total number of TCP socket migration failure during URL readdressing. |
| Proxy Disable Failed | Total number of times the proxy disable function failed. |
| Dynamic Rule Statistics | |
| Rule Installation Statistics | |
| Total number of Installation Received | The number of dynamic rules received for installation from PCRF |
| Total number of Installation Succeeded | The number of dynamic rules installed successfully |
| Total number of Installation Failed | The number of dynamic rule installations failed |
| Rule Installation Failure Statistics: | |
| Unknown Rule Name Error | The number of dynamic rule installations failed because the rule name was not specified |
| Rating Group Error | The number of dynamic rule installations failed because rating group was invalid/missing. |
| Service ID Error | The number of dynamic rule installations failed because the service ID was invalid/missing. |
| Trigger Policy Failure | The number of dynamic rule installations failed because of internal policy failure |
| Resources Limitation | The number of dynamic rule installations failed because of the limitation of resources |
| Maximum Number Of Bearer Reached | The number of dynamic rule installations failed because the maximum limit of bearer is reached |
| Flow Information Missing | The number of dynamic rule installations failed because the flow information is missing |

| Field | Description |
|--|---|
| Resource Allocation Failure | The number of dynamic rule installations failed because the resource allocation failed. |
| QOS Validation Error | The number of dynamic rule installations failed because the QoS validation failed. |
| Incorrect Flow Information | Number of dynamic rule installations failed because the flow information is incorrect. |
| Adc Rule - Redirect Server Address Missing | Number of dynamic rule installations failed because the redirect address is missing in an ADC rule. |
| Adc Rule - TDF App ID Error | Number of dynamic rule installations failed because the TDF Application ID is invalid/missing. |
| Rule Modification Statistics: | |
| Total number of Modification Received | Number of dynamic rule modifications received. |
| Total number of Modification Succeeded | Number of dynamic rule modifications succeeded. |
| Total number of Modification Failed | Number of dynamic rule modifications failed |
| Rule Modification Failure Statistics: | |
| Rating Group Error | Number of dynamic rule modifications failed because the rating group is invalid/missing |
| Service ID Error | Number of dynamic rule modifications failed because the service ID is invalid/missing. |
| Trigger Policy Failure | Number of dynamic rule modifications failed because of the internal policy failure |
| Resources Limitation | Number of dynamic rule modifications failed because of the limitation of resources. |
| Maximum Number Of Bearer Reached | Number of dynamic rule modifications failed because the maximum limit of bearer is reached. |
| Resource Allocation Failure | Number of dynamic rule modifications failed because of allocation of resources failed. |
| QOS Validation Error | Number of dynamic rule modifications failed because the QoS validation failed. |
| Incorrect Flow Information | Number of dynamic rule modifications failed because the flow information is incorrect. |
| Adc Rule - Redirect Server Address Missing | Number of dynamic rule modifications failed because the redirect address is missing in an ADC rule. |

| Field | Description |
|---|---|
| Adc Rule - TDF App ID Error | Number of dynamic rule modifications failed because the TDF application ID is invalid/missing in an ADC rule. |
| Common Rule Statistics | |
| Total Number Of Common Rules Received | Number of dynamic rules received in installation/modification. |
| Total Number Of Common Failures | Number of dynamic rules failed in installation/modification. |
| Unknown Bearer ID Error | Number of dynamic rules failed during installation/modification because the bearer ID is not known |
| Resource Allocation Failure | Number of dynamic rules failed during installation/modification because the resource allocation failed |
| Already Installed Rule removal | |
| Total Number Of Intended Removals | Number of dynamic rules intentionally failed due to some internal event. |
| PS to CS Handover | Number of dynamic rules intentionally failed due to PS to CS handover. |
| Resource Allocation Failure | Number of dynamic rules intentionally failed due to resource allocation failure. |
| Rule Removal Statistics | |
| Total Number Of Removal Received | Number of dynamic rule removals received. |
| Total Number Of Removal Succeeded | Number of dynamic rules removed successfully. |
| Total Number Of Removal Failed | Number of dynamic rule removals failed. |
| Rule Removal Failure Statistics: | |
| BCM Mode Mismatch | Number of dynamic rule removals failed because the BCM mode has changed |
| Condition Action Statistics: | |
| Out of Credit allow actions received | Total number of times the "out of credit allow" actions have been received. |
| Action applied to packets | Total number of packets to which the "out of credit allow" actions are applied. |
| Action applied to bytes | Total number of bytes to which the "out of credit allow" actions are applied. |
| Current Opt-In Subscribers | Indicates the current Opt-In subscribers. |
| Total UIDH Request | Indicates the total number of UIDH requests. |

| Field | Description |
|----------------------------|---|
| Initial | Specifies the total number of initial UIDH requests transmitted |
| Refresh | Specifies the total number of UIDH Refresh Requests transmitted. |
| Total UIDH OptIn Response | Indicates the total number of UIDH Opt-In response. |
| Initial | Specifies the total of UIDH OPT-In (subscribers that have opted for UIDH service) response for the Initial Requests. |
| Refresh | Specifies the total of UIDH OPT-In (subscribers that have opted for UIDH service) response for Refresh Requests. |
| Total UIDH OptOut Response | Indicates the total number of Opt-out response. |
| Initial | Specifies the total of UIDH OPT-Out (subscribers that have opted out from the UIDH service) response received for Initial Requests. |
| Refresh | Specifies the total of UIDH OPT-Out (subscribers that have opted out from the UIDH service) response received for Refresh Requests. |
| UIDH Failure | Indicates the UIDH Failure. |
| Request Timeout | Specifies the total number of UIDH Requests that have expired on reaching the timeout value. |
| Initial | Specifies the total number of initial UIDH Requests that have expired on reaching the timeout value. |
| Refresh | Specifies the total number of refresh UIDH requests that have expired on reaching the timeout value. |
| Error Response Code | Indicates the UIDH Failure with an error response code. |
| Initial | Specifies the total of Failure Code UIDH response received for Initial Requests. |
| Refresh | Specifies the total of Failure Code UIDH response received for Refresh Requests. |
| Invalid Length | |
| Initial | |
| Refresh | |
| Request Enqueue Failed | |
| Initial | |
| Refresh | |
| Total UIDH Insertions | Indicates the total number of UIDH insertions in a HTTP request. |

| Field | Description |
|--------------------------------|--|
| UIDH Whitelist Statistics | |
| URL Host Lookups | Specifies the number of URL Host lookups |
| URL Host Lookup Failed | Specifies the number of URL Host lookups that resulted in failure. |
| URL Host Matches | Specifies the number of URL Hosts matched. |
| URL Host Lookup Bypass | Specifies the number of URL Host Lookups bypassed |
| VPP Offload Statistics: | |
| Total Flows | Total number of flows. |
| Current Active Flows | Total number of active current flows. |
| IPv4: | |
| Uplink Pkts | Total number of IPv4 packets uplinked. |
| Uplink Bytes | Total number of IPv4 bytes uplinked. |
| Downlink Pkts | Total number of IPv4 packets downlinked. |
| Downlink Bytes | Total number of IPv4 bytes downlinked. |
| Dropped Uplink Pkts | Total number of IPv4 uplink packets discarded. |
| Dropped Uplink Bytes | Total number of IPv4 uplink bytes discarded. |
| Dropped Downlink Pkts | Total number of IPv4 downlink packets discarded. |
| Dropped Downlink Bytes | Total number of IPv4 downlink bytes discarded. |
| IPv6: | |
| Uplink Pkts | Total number of IPv6 packets uplinked. |
| Uplink Bytes | Total number of IPv6 bytes uplinked. |
| Downlink Pkts | Total number of IPv6 packets downlinked. |
| Downlink Bytes | Total number of IPv6 bytes downlinked. |
| Dropped Uplink Pkts | Total number of IPv6 uplink packets discarded. |
| Dropped Uplink Bytes | Total number of IPv6 uplink bytes discarded. |
| Dropped Downlink Pkts | Total number of IPv6 downlink packets discarded. |
| Dropped Downlink Bytes | Total number of IPv6 downlink bytes discarded. |

show active-charging ruledef firewall

Table 72: show active-charging ruledef firewall Command Output Descriptions

| Field | Description |
|-----------------------------|--|
| Service Name | Name of the Active Charging Service. |
| Ruledef Name | Name of the ruledef. |
| tcp client-port | The TCP client port number. |
| tcp dst-port | The TCP destination port number. |
| tcp src-port | The TCP source port number. |
| tcp server-port | The TCP server port number. |
| udp client-port | The UDP client port number. |
| udp dst-port | The UDP destination port number. |
| udp src-port | The TCP source port number. |
| udp server-port | The UDP server port number. |
| ip any-match | Indicates whether the ruledef analyzes user traffic based on IP analyzed state—true/false. |
| Rule Application Type | The rule application type—firewall. |
| Create-log-record | Indicates whether logging is enabled or disabled. |
| Total ruledef(s) configured | Total number of Stateful Firewall ruledefs configured. |

show active-charging ruledef statistics

Table 73: show active-charging ruledef statistics Command Output Descriptions

| Field | Description |
|-------------------------|--|
| Total Charging Ruledefs | Total number of charging ruledefs configured. |
| Uplink Packets | Total number of packets received in uplink flow. |
| Uplink Bytes | Total number of bytes received in uplink flow. |
| Downlink Packets | Total number of packets received in downlink flow. |
| Downlink Bytes | Total number of bytes received in downlink flow. |

| Field | Description |
|---------------------------------|---|
| Hits | Total number of events. |
| Match-Bypassed | Total number of packets bypassed on all ruledefs. |
| Total Post-processing Ruledefs | Total number of post-processing ruledefs configured. |
| Uplink Packets | Total number of packets received in uplink flow. |
| Uplink Bytes | Total number of bytes received in uplink flow. |
| Downlink Packets | Total number of packets received in downlink flow. |
| Downlink Bytes | Total number of bytes received in downlink flow. |
| Hits | Total number of events. |
| Total Firewall Ruledefs | Total number of Stateful Firewall ruledefs configured. |
| Uplink Packets | Total number of packets received in uplink flow. |
| Uplink Bytes | Total number of bytes received in uplink flow. |
| Downlink Packets | Total number of packets received in downlink flow. |
| Downlink Bytes | Total number of bytes received in downlink flow. |
| Uplink Packets Dropped | Total number of packets dropped in uplink flow. |
| Uplink Bytes Dropped | Total number of bytes dropped in uplink flow. |
| Downlink Packets Dropped | Total number of packets dropped in downlink flow. |
| Downlink Bytes Dropped | Total number of bytes dropped in downlink flow. |
| Hits | Total number of events. |
| Total TPO Ruledefs | Important The Traffic Performance Optimization (TPO) in-line service is not supported in this release. |
| Hits | Important The Traffic Performance Optimization (TPO) in-line service is not supported in this release. |
| Total Default Firewall Ruledefs | Total number of default Firewall ruledefs. |
| Uplink Packets | Total number of packets received in uplink flow. |
| Uplink Bytes | Total number of bytes received in uplink flow. |
| Downlink Packets | Total number of packets received in downlink flow. |
| Downlink Bytes | Total number of bytes received in downlink flow. |
| Uplink Packets Dropped | Total number of packets dropped in uplink flow. |

| Field | Description |
|--------------------------|---|
| Uplink Bytes Dropped | Total number of bytes dropped in uplink flow. |
| Downlink Packets Dropped | Total number of packets dropped in downlink flow. |
| Downlink Bytes Dropped | Total number of bytes dropped in downlink flow. |
| Hits | Total count of hits by default Firewall ruledefs. |

show active-charging ruledef statistics all firewall wide

Table 74: show active-charging ruledef statistics all firewall wide Command Output Descriptions

| Field | Description |
|-----------------------|--|
| Ruledef Name | Name of the Stateful Firewall ruledef. |
| Packets-Down | Total number of packets downlinked. |
| Bytes-Down | Total number of bytes downlinked. |
| Packets-Up | Total number of packets uplinked. |
| Bytes-Up | Total number of bytes uplinked. |
| Pkts-Drop-Dn | Total number of downlink packets dropped. |
| Bytes-Drop-Dn | Total number of downlink bytes dropped. |
| Pkts-Drop-Up | Total number of uplink packets dropped. |
| Bytes-Drop-Up | Total number of uplink bytes dropped. |
| Hits | Total number of events. |
| Match-Bypassed | Total number of packets bypassed on all ruledefs. |
| Total Ruledef(s) | Total number of ruledefs. |
| SFW Default Ruledefs: | |
| ALG Pinholes | Total number of packets which do not match SFW ruledefs configured in Firewall-and-NAT policy when NAT ALG is enabled in ECS but allowed to reach ISP or vice-versa. |
| Default Uplink | Total number of packets which do not match any SFW ruledefs configured but allowed to reach ISP from MS (uplink). This is due to the default SFW behavior. |
| Default Downlink | Total number of packets which do not match any SFW ruledefs configured but allowed to reach MS from ISP (downlink). This is due to the default SFW behavior. |

| Field | Description |
|------------------------------|---|
| Total Ruledef(s) | Total number of ruledefs per ACS sub-session. |
| Total Default SFW Ruledef(s) | Total number of default SFW ruledefs. |

show active-charging ruledef statistics all charging

Table 75: show active-charging ruledef statistics all charging Command Output Descriptions

| Field | Description |
|------------------|-------------------------------------|
| Ruledef Name | Name of the charging ruledef. |
| Packets-Down | Total number of packets downlinked. |
| Bytes-Down | Total number of bytes downlinked. |
| Packets-Up | Total number of packets uplinked. |
| Bytes-Up | Total number of bytes uplinked. |
| Hits | Total number of events. |
| Total Ruledef(s) | Total number of charging ruledefs. |

show active-charging ruledef statistics all tpo

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging ruledef tpo

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging service all

Table 76: show active-charging service all Command Output Descriptions

| Field | Description |
|-----------------------|---|
| Service name | Name of the Active Charging Service. |
| TCP Flow Idle Timeout | TCP flow idle timeout period, in seconds. |
| UDP Flow Idle Timeout | UDP flow idle timeout period, in seconds. |

| Field | Description |
|---|---|
| ICMP Flow Idle Timeout | ICMP flow idle timeout period, in seconds. |
| ALG Media Idle Timeout | The configured ALG media idle timeout value, in seconds. |
| TCP Flow-Mapping Idle Timeout | The configured TCP flow-mapping timeout value, in seconds. |
| UDP Flow-Mapping Idle Timeout | The configured UDP flow-mapping timeout value, in seconds. |
| Deep Packet Inspection | Indicates whether Deep Packet Inspection is enabled. |
| Passive Mode | Indicates whether Passive Mode is enabled. |
| CDR Flow Control | Indicates whether CDR Flow Control is enabled. |
| Content Filtering | Indicates whether Category-based Content Filtering is enabled. |
| Dynamic Content Filtering | Indicates whether Dynamic Content Filtering is enabled. |
| URL-Blacklisting | Indicates whether URL Blacklisting is enabled. |
| URL-Blacklisting Match-method | Indicates the URL Blacklisting method to look up URLs in the URL Blacklisting database. |
| Content Filtering Match-method | Indicates the match method to look up URLs in the category-based content filtering database. |
| Interpretation of Charging-rule-base-name | Indicates how the Charging-Rule-Base-Name AVP from PCRF is interpreted, either as ACS rulebase or ACS group-of-ruledefs. |
| Selection of Charging-rule-base | If multiple Charging-Rule-Base-Name AVP are received from the PCRF, indicates which rulebase is selected and applied to the call, the first or the last rulebase. |
| optimize-update | Enables multiple policy optimization. |
| pra-change | Enables optimization policies for PRA changes. |
| Credit Control: | |
| Mode | Indicates the pre-paid charging application mode—Diameter or RADIUS. |
| APN-name-to-be-included | Indicates the APN name to be sent in CCA messages. |
| Trigger-Type | Indicates the credit control reauthorization trigger type. |
| Event-Trigger-Type | Indicates the configured credit control reauthorization event trigger type. |
| Failure-Handling | |
| Initial-Request | Indicates whether initial-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server. |

| Field | Description |
|--|---|
| Update-Request | Indicates whether update-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server. |
| Terminate-Request | Indicates whether terminate-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server. |
| Server Unreachable Failure-Handling | |
| Initial-Request | Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| Update-Request | Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| Diameter: | |
| Endpoint | Name of the Diameter endpoint. |
| Endpoint-Realm | Realm of the Diameter endpoint. |
| Dictionary | The Diameter dictionary used for Credit Control. |
| Session-Failover | Indicates whether Session Failover is supported. |
| Pending-Timeout | Indicates the pending timeout period, in seconds. |
| HDD | Indicates whether the Credit-Control group has been configured to store the failed CCR-Ts in the HDD. |
| Peer-Select: | |
| Peer | Name of the peer. |
| Realm | Indicates realm for the peer. |
| Secondary-Peer | Name of the secondary peer. |
| Realm | Indicates realm for the secondary peer. |
| IMSI-Based Start-Value | To select the Diameter peer based on the International Mobile Subscriber Identification (IMSI) number, specify the start of range in integer value of IMSI. |
| IMSI-Based End-Value | The end of range in integer value of IMSI. |
| MSISDN-Range-Mode | To select the Diameter peer based on Mobile Station International Subscriber Directory (MSISDN) number, specify the prefix or suffix mode. |
| MSISDN-Based Start-Value | To select the peer based on MSISDN value, specify the start of range in integer value of MSISDN. |

| Field | Description |
|---|--|
| MSISDN-Based End-Value | The end of range in integer value of MSISDN. |
| Quota | |
| Request-Trigger | Indicates the trigger action on packets on crossing the threshold limit of subscriber quota in the pre-paid credit control service. |
| Holding-Time | Indicates the Quota Holding Time (QHT). |
| Validity-Time | Indicates the validity lifetime of the quota in seconds. |
| Time-Threshold | Indicates the time threshold for pre-paid credit control quota. |
| Units-Threshold | Indicates the units threshold for DCCA quota in percentage. |
| Volume-Threshold | Indicates the volume threshold for pre-paid credit control quota. |
| Pending-Traffic-Treatment | |
| trigger | Indicates the trigger status. |
| forced-reauth | Indicates status of the Diameter credit control pending traffic treatment for forced reauthorization. |
| no-quota | Indicates status of the Diameter credit control pending traffic treatment quota. |
| quota-exhausted | Indicates status of the Diameter credit control pending traffic treatment for exhausted quota. |
| validity-expired | Indicates status of the Diameter credit control pending traffic treatment for validity. |
| Redirection | Indicates whether or not the "user-agent" check in the HTTP header is enabled. |
| diameter mscf-final-unit-action terminate | Indicates whether a PDP session or a category is terminated based on the user's quota and Final-Unit-Action (FUA) at Multiple-Services-Credit-Control (MSCC) level. |

show active-charging service-scheme statistics

Table 77: show active-charging service-scheme statistics Command Output Descriptions

| Field | Description |
|-------------------|---|
| Service-name | The active charging service name. |
| Service-Scheme | The active charging service-scheme name. |
| Total Subscribers | Total number of subscribers configured on the system. |

| Field | Description |
|-------------------------------|---|
| Total service scheme(s) found | Total number of configured active charging service-schemes. |

show active-charging sessions all

Table 78: show active-charging sessions all Command Output Descriptions

| Field | Description |
|-----------|---|
| SESSIONID | The active charging session ID. |
| CALLID | The Call ID. |
| IMSI/MSID | Indicates the International Mobile Subscriber Identification/Mobile Station ID. |
| IP | IP address of the client. |
| USERNAME | Name of the subscriber. |
| OC | Indicates the Override Control status as ON or OFF based on whether OC is enabled or disabled for the call. |

show active-charging sessions credit-control server-unreachable

Table 79: show active-charging sessions credit-control server-unreachable Command Output Descriptions

| Field | Description |
|--|---|
| SESSIONID | The active charging session ID. |
| CALLID | The call ID. |
| IMSI/MSID | The International Mobile Subscriber Identification/Mobile Station ID. |
| IP | IP address of client. |
| USERNAME | Name of the subscriber. |
| Total acs sessions matching specified criteria | Total number of ACS sessions with firewall enabled. |

show active-charging sessions firewall required

Table 80: show active-charging sessions firewall required Command Output Descriptions

| Field | Description |
|--|---|
| SESSIONID | The active charging session ID. |
| CALLID | The call ID. |
| IMSI/MSID | The International Mobile Subscriber Identification/Mobile Station ID. |
| IP | IP address of client. |
| USERNAME | Name of the subscriber. |
| Total acs sessions matching specified criteria | Total number of ACS sessions with firewall enabled. |

show active-charging sessions full

Table 81: show active-charging sessions full Command Output Descriptions

| Field | Description |
|------------------|--|
| Session-ID | The active charging session ID. |
| Username | Name of the subscriber. |
| Callid | The Call ID. |
| IMSI/MSID | Indicates the International Mobile Subscriber Identification/Mobile Station ID. |
| ACSMgr Instance | Total instances of ACS Manager. |
| ACSMgr Card/Cpu | Total number of ACS Manager Card/CPU. |
| Client-IP | In 14.0 and later releases, prefix of IPv6 address or IPv4 address of the client for all call types. In 12.3 and earlier releases, IPv6 address or IPv4 address of the client for all call types. |
| SessMgr Instance | Total instances of Session Manager. |
| NAS-IP | IP address of Network Access Server. |
| NAS-PORT | TCP port of Network Access Server. |

| Field | Description |
|----------------------------|--|
| Access-NAS-IP(FA) | IP address of accessed Network Access Server Foreign Agent (FA). |
| NSAPI | Total instances of NS APIs used. |
| Acct-Session-ID | The accounting session ID. |
| NAS-ID | The Network Access Server ID. |
| Access-NAS-ID(FA) | Accessed Network Access Server Foreign Agent (FA) ID. |
| 3GPP2-BSID | 3GPP2 base station ID. |
| Access-Correlation-ID(FA) | Access correlation ID for FA. |
| 3GPP2-Correlation-ID | Mobile IP Correlation ID. |
| MEID | Mobile equipment's unique Mobile Equipment Identifier (MEID). |
| Carrier-ID | Carrier or service ID. |
| ESN | Electronic Serial Number (ESN) of mobile equipment. |
| Uplink Bytes | Total bytes uploaded. |
| Downlink Bytes | Total bytes downloaded. |
| Uplink Packets | Total packets uploaded. |
| Downlink Packets | Total packets downloaded. |
| Injected Uplink Bytes | Total bytes injected to upload. |
| Injected Downlink Bytes | Total bytes injected to download. |
| Injected Uplink Packets | Total packets injected to upload. |
| Injected Downlink Packets | Total packets injected to download. |
| Buffered Uplink Packets | Total buffered packets for uplink. |
| Buffered Downlink Packets | Total buffered packets for downlink. |
| Buffered Uplink Bytes | Total buffered bytes for uplink. |
| Buffered Downlink Bytes | Total buffered bytes for uplink. |
| Uplink Packets in Buffer | Total number of uplink packets in the buffer. |
| Uplink Bytes in Buffer | Total number of uplink bytes in the buffer. |
| Downlink Packets in Buffer | Total number of downlink packets in the buffer. |
| Downlink Bytes in Buffer | Total number of downlink bytes in the buffer. |

| Field | Description |
|---------------------------------------|---|
| Buff Over-limit Uplink Pkts | Total number of uplink packets that were over the buffer limit. |
| Buff Over-limit Uplink Bytes | Total number of uplink bytes that were over the buffer limit. |
| Buff Over-limit Downlink Pkts | Total number of downlink packets that were over the buffer limit. |
| Buff Over-limit Downlink Bytes | Total number of downlink bytes that were over the buffer limit. |
| Processed Uplink Packets | Total packets processed for upload. |
| Processed Downlink Packets | Total packets processed for download. |
| Dropped Uplink Packets | Total packets dropped in uplink direction. |
| Dropped Downlink Packets | Total packets dropped in downlink direction. |
| Uplink Out of Order Packets | Total out of order packets in uplink direction. |
| Downlink Out of Order Packets | Total out of order packets in downlink direction. |
| ITC Terminated Flows | Total number of flows terminated by Intelligent Traffic Control service. |
| ITC Redirected Flows | Total number of flows redirected by Intelligent Traffic Control service. |
| ITC Dropped Packets | Total number of packets dropped by Intelligent Traffic Control service. |
| ITC ToS Remarketed Packets | Total number of packets marked with Type of Service (ToS) by Intelligent Traffic Control service. |
| ITC Dropped Upl Pkts | Total number of packets in uplink direction, that were dropped by Intelligent Traffic Control service. |
| ITC Dropped Dnl Pkts | Total number of packets in downlink direction, that were dropped by Intelligent Traffic Control service. |
| ITC Dropped Upl Bytes | Total number of uplink bytes dropped by Intelligent Traffic Control service. |
| ITC Dropped Dnl Bytes | Total number of downlink bytes dropped by Intelligent Traffic Control service. |
| R7Gx Dropped Upl Packets | Total number of packets dropped by R7Gx in uplink direction. |
| R7Gx Dropped Dnl Packets | Total number of packets dropped by R7Gx in downlink direction. |
| R7Gx Dropped Upl Pkts RuleMatch Fail | Total number of packets dropped by R7Gx in uplink direction due to rulematch failure—no matching rule is found. |
| R7Gx Dropped Upl Bytes RuleMatch Fail | Total number of bytes dropped by R7Gx in uplink direction due to rulematch failure. |

| Field | Description |
|---------------------------------------|---|
| R7Gx Dropped Dnl Pkts RuleMatch Fail | Total number of packets dropped by R7Gx in downlink direction due to rulematch failure. |
| R7Gx Dropped Dnl Bytes RuleMatch Fail | Total number of bytes dropped by R7Gx in downlink direction due to rulematch failure. |
| CC Dropped Uplink Packets | Total number of packets dropped by credit control in uplink direction. |
| CC Dropped Uplink Bytes | Total number of bytes dropped by credit control in uplink direction. |
| CC Dropped Downlink Packets | Total number of packets dropped by credit control in downlink direction. |
| CC Dropped Downlink Bytes | Total number of bytes dropped by credit control in downlink direction. |
| NRUPC Req Made | Total number of Network Requested Update PDP Context (NRUPC) requests made. |
| NRUPC Req Success | Total number of NRUPC requests succeeded. |
| NRUPC Req Failed | Total number of NRUPC requests failed. |
| NRUPC Req Time Out | Total number of NRUPC requests timed out. |
| Current Readdressed Sessions | Number of current re-addressed sessions |
| Total Readdressed Uplink Pkts | Total number of re-addressed uplink packets. |
| Total Readdressed Uplink Bytes | Total number of re-addressed uplink bytes. |
| Total Readdressed Downlink Pkts | Total number of re-addressed downlink packets. |
| Total Readdressed Downlink Bytes | Total number of re-addressed downlink bytes. |
| Total Readdressing Failure | Total number re-addressing failures. |
| Creation Time | Time display in UTC format. |
| Last Pkt Time | Time of last packet created. |
| Duration | Duration of session. |
| Active Charging Service name | Name of the active charging service. |
| Rule Base name | Name of the rulebase applied. |
| Bandwidth Policy | The ACS bandwidth policy applicable for subscriber. |
| FW-and-NAT Policy | The Stateful Firewall-and-NAT policy applicable for subscriber. |

| Field | Description |
|-------------------------------|---|
| Firewall Policy IPv4 | Indicates whether Stateful Firewall IPv4 processing is required for subscriber. |
| Firewall Policy IPv6 | Indicates whether Stateful Firewall IPv6 processing is required for subscriber. |
| NAT Policy | Indicates whether NAT processing is required for subscriber. |
| NAT Policy NAT44 | Indicates whether NAT44 is enabled or disabled for the subscriber. |
| NAT Policy NAT64 | Indicates whether NAT64 is enabled or disabled for the subscriber. |
| Bypass NAT Flow Present | Indicates whether bypass NAT flow is present or not. |
| TPO Policy | Important The Traffic Performance Optimization (TPO) in-line service is not supported in this release. |
| CF Policy ID | The content filtering policy identifier applicable for subscriber. |
| Dynamic Charging | Status of dynamic charging functionality. |
| Dynamic Chrg Msg Received | Total number of messages received for dynamic charging. |
| Rule Definitions Received | Total number of ruledefs received. |
| Installs Received | Total number of "Charging-Rule-Install" messages received. |
| Removes Received | Total number of "Charging-Rule-Remove" messages received. |
| Installs Succeeded | Total number of charging rules installed successfully. |
| Installs Failed | Total number of charging rules installation failed. |
| Removes Succeeded | Total number of charging rules removed successfully. |
| Removes Failed | Total number of charging rules removal failed. |
| Uplink Dynamic Rule Packets | Total number of packets uplinked with dynamic rules. |
| Uplink Dynamic Rule Bytes | Total number of bytes uplinked with dynamic rules. |
| Downlink Dynamic Rule Packets | Total number of packets downlinked with dynamic rules. |
| Downlink Dynamic Rule Bytes | Total number of bytes downlinked with dynamic rules. |
| Credit-Control | Displays the status of DCCA (on/off). Important Credit-Control state will be displayed as "Pending CCR-Event" when the session is waiting for a CCA-Event message. If there are no pending CCA-Event messages then Credit-Control state will be displaying the string "Event-Based-Charging". |

| Field | Description |
|---|--|
| Event-Triggers | Indicates the configured credit control reauthorization event triggers. Important This field will appear when Event-Based-Gy session is active. |
| CC Peer | Name of the credit control (CC) peer. |
| CC Group | Displays the selected credit control group information. |
| CC Mode | Indicates the credit control mode: RADIUS or DIAMETER |
| CC Failure Handling | Action configured for credit control failure handling. |
| CC Session Failover | Credit control session failover status. |
| CCR-I Server Unreachable Handling | Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| CCR-U Server Unreachable Handling | Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| Total CCR-U | The total number of CCR-Updates (Credit Control Request with Update) messages sent to the credit control server. |
| Last State Change Time: | |
| Offline/Online | Indicates the state transition timestamp. The Offline timestamp is updated when the Gy session goes Offline. The Online timestamp is updated when the Gy session goes Online. |
| Total Server Unreachable States Hit | Indicates the total number of sessions that are in server unreachable state. |
| Tx-Expiry | Indicates the number of sessions that are in server unreachable state due to Tx expiry. |
| Response-TimeOut | Indicates the number of sessions that are in server unreachable state due to response timeout. |
| Connection-Failure | Indicates the number of sessions that are in server unreachable state due to connection failure. |
| Result-Code Based | Indicates the number of sessions that are in server unreachable state based on the result codes. |
| Current Server Unreachable State | Indicates that the Diameter server(s)/OCS are unreachable. |
| Interim Volume in Bytes (used / allotted) | Indicates how much of data volume has been currently consumed and the total allocated value. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again. |

| Field | Description |
|---|--|
| Interim Time in Seconds (used / allotted) | Indicates how much of time has been used up and the total allocated time. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again. |
| Server Retries (attempted / configured) | Indicates the total number of retries that were configured and attempted to the Diameter server during the Server-Unreachable-State. |
| Server Unreachable Reason | Indicates the reason for which server-unreachable condition was hit lastly. |
| Current TCP Proxy Flows | Total number of current TCP Proxy flows for the session. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Total TCP Proxy Flows | Total number of TCP Proxy flows for the session. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| TCP-proxy reset for non-SYN flows | Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IP Flows | Total number of current IP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current ICMP Flows | Total number of current ICMP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IPv6 Flows | Total number of current IPv6 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|----------------------|--|
| Current ICMPv6 Flows | Total number of current ICMPv6 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current TCP Flows | Total number of current TCP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current UDP Flows | Total number of current UDP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current HTTP Flows | Total number of current HTTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current HTTPS Flows | Total number of current HTTPS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current FTP Flows | Total number of current FTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current POP3 Flows | Total number of current POP3 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current SMTP Flows | Total number of current SMTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|----------------------|--|
| Current SIP Flows | Total number of current SIP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current RTSP Flows | Total number of current RTSP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current RTP Flows | Total number of current RTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current RTCP Flows | Total number of current RTCP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IMAP Flows | Total number of current IMAP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current WSP-CO Flows | Total number of current WSP-CO flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current WSP-CL Flows | Total number of current WSP-CL flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current MMS Flows | Total number of current MMS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|---------------------------|--|
| Current DNS Flows | Total number of current DNS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current PPTP-GRE Flows | Total number of current PPTP-GRE flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current PPTP Flows | Total number of current PPTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current TFTP Flows | Total number of current TFTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current P2P Flows | Total number of current P2P flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current H323 Flows | Total number of current H323 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current UNKNOWN Flows | Total number of current UNKNOWN flows. |
| Max (L3) Flows | The maximum number of simultaneous L3 flows seen by the session. |
| Max Flows Timestamp | Lists the date and time at which the L3 flows were seen. |
| CAE-Readdressing: | |
| GET Requests redirected | Total number of HTTP GET requests redirected to a CAE. |
| POST Requests redirected | Total number of HTTP POST requests redirected to a CAE. |
| Other Requests redirected | Total number of other HTTP requests redirected to a CAE. |
| HTTP Responses redirected | Total number of HTTP responses redirected to a CAE. |

| Field | Description |
|---|---|
| Requests having xheader inserted | Total number of HTTP requests that have x-headers inserted. |
| Total connection failed to video server | Total number of failed connections to the video server. |
| Total uplink Bytes | Total number of uplink bytes. |
| Total uplink Packets | Total number of uplink packets. |
| Total downlink Bytes | Total number of downlink bytes. |
| Total downlink Packets | Total number of downlink packets. |
| Rating-Group | Rating-Group of the MSCC which is used by DCCA. |
| Service-Identifier | Service-Identifier of the MSCC which is used by DCCA |
| State | State in which the MSCC (identified by Rating-Group and Service-Identifier) is present. For example, Charging, Limit-Reached, Rating-Failed |
| Checkpoint State | Checkpoint status of the MSCC. It can be either Current or Outdated. Current implies that the MSCC is checkpointed recently. Outdated means the MSCC is ready to get checkpointed to update its new status. |
| Pending Update | This indicates whether a response is awaited from the server for this MSCC, after sending a CCR-U. |
| Accelerated | This indicates whether or not the MSCC supports acceleration. The Accelerated status of MSCC will only be visible if the chassis has license for the Flow Aware Packet Acceleration (FAPA) feature. |
| Last Answer | Time duration from the last sent CCR-Update request for this MSCC. |
| Backpressured | Shows how many times the category (Rating-Group) is subsequently moving into backpressured (unable to send message due to message queue being full) state while sending a CCR-U. The maximum count value that can be supported is 15. Once the messages are sent successfully, this counter will be reset to 0 and this field will not be displayed in the output. |
| Ruledef Name | Name of the ACS ruledef. |
| Pkts-Down | Total number of packets downlinked. |
| Bytes-Down | Total number of bytes downlinked. |
| Pkts-Up | Total number of packets uplinked. |
| Bytes-Up | Total number of bytes uplinked. |

| Field | Description |
|--|--|
| Hits | Total number of packets handled in uplink and downlink directions. |
| Match-Bypassed | Total number of rule-match request bypassed. |
| Post-processing Rulestats | |
| Ruledef Name | Name of the ACS ruledef. |
| Pkts-Down | Total number of packets downlinked. |
| Bytes-Down | Total number of bytes downlinked. |
| Pkts-Up | Total number of packets uplinked. |
| Bytes-Up | Total number of bytes uplinked. |
| Hits | Total number of packets handled in uplink and downlink directions. |
| Firewall-Ruledef Name | Name of the Stateful Firewall ruledef. |
| Pkts-Down | Total number of packets downlinked. |
| Bytes-Down | Total number of bytes downlinked. |
| Pkts-Up | Total number of packets uplinked. |
| Bytes-Up | Total number of bytes uplinked. |
| Hits | Total number of packets handled in uplink and downlink directions. |
| Dynamic Charging Rule Name Statistics | Dynamic charging rule name statistics. |
| Dynamic Charging Rule Name Configured | Dynamic charging rule name configured. |
| Predefined Rules Enabled List | List of enabled predefined rules. |
| Predefined Firewall Rules Enabled List | List of enabled predefined Firewall rules. |
| NCQoS NRUPC Req Made | Total number of network-controlled QoS Network Requested Update PDP Context requests made. |
| NCQoS NRSPCA Req Made | Total number of network-controlled QoS Network Requested Secondary PDP Context Activation requests made. |
| NCQoS NRUPC Req Failed | Total number of network-controlled QoS Network Requested Update PDP Context requests failed. |
| NCQoS NRSPCA Req Failed | Total number of network-controlled QoS Network Requested Secondary PDP Context Activation requests failed. |

| Field | Description |
|--|---|
| NCQoS NRUPC Req Success | Total number of network-controlled QoS Network Requested Update PDP Context requests succeeded. |
| NCQoS NRSPCA Req Success | Total number of network-controlled QoS Network Requested Secondary PDP Context Activation requests succeeded. |
| Total acs sessions matching specified criteria | Total number of ACS sessions matching the specified criteria. |

show active-charging sessions full all

Table 82: show active-charging sessions full all Command Output Descriptions

| Field | Description |
|-------------------|--|
| Session-ID | The active charging session ID. |
| Username | The subscriber's name. |
| Callid | Call identification. |
| IMSI/MSID | The International Mobile Subscriber Identification/Mobile Station ID. |
| ACSMgr Instance | Total instance of ACS Manager. |
| ACSMgr Card/Cpu | Total number of ACS Manager Card/CPU. |
| SessMgr Instance | Total instance of session manager. |
| Client-IP | In 14.0 and later releases, prefix of IPv6 address or IPv4 address of the client for all call types. In 12.3 and earlier releases, IPv6 address or IPv4 address of the client for all call types. |
| NAS-IP | Indicates the IP address of Network Access Server. |
| Access-NAS-IP(FA) | Indicates the IP address of accessed Network Access Server Foreign Agent (FA). |
| NAS-PORT | Indicates the TCP port of Network Access Server. |
| NSAPI | Total instances of NS APIs used. |
| Acct-Session-ID | Indicates the accounting session ID. |
| NAS-ID | The Network Access Server identifier. |

| Field | Description |
|----------------------------|--|
| Access-NAS-ID(FA) | Indicates the identifier of accessed Network Access Server Foreign Agent (FA). |
| 3GPP2-BSID | Indicates the 3GPP2 base station identifier. |
| Access-Correlation-ID(FA) | Indicates the access correlation ID for FA. |
| 3GPP2-Correlation-ID | Indicates the Mobile IP Correlation ID. |
| MEID | Indicates the Mobile equipment's unique Mobile Equipment Identifier (MEID). |
| Carrier-ID | Indicates the carrier or service ID. |
| PCO: Value/Interface | Specifies the last updated PCO value and the interface it is configured for. |
| ESN | Indicates the Electronic Serial Number (ESN) of mobile equipment. |
| Enterprise ID | A 24-bit integer value, PCRF sends Enterprise ID that is associated with the user to the gateway during call setup. This field is required for identifying traffic based on NSH. |
| Uplink Bytes | Total bytes uploaded. |
| Downlink Bytes | Total bytes downloaded. |
| Uplink Packets | Total packets uploaded. |
| Downlink Packets | Total packets downloaded. |
| Injected Uplink Bytes | Total bytes injected to upload. |
| Injected Downlink Bytes | Total bytes injected to download. |
| Injected Uplink Packets | Total packets injected to upload. |
| Injected Downlink Packets | Total packets injected to download. |
| Buffered Uplink Packets | Total buffered packets for uplink. |
| Buffered Downlink Packets | Total buffered packets for downlink. |
| Buffered Uplink Bytes | Total buffered bytes for uplink. |
| Buffered Downlink Bytes | Total buffered bytes for uplink. |
| Uplink Packets in Buffer | Total number of uplink packets in the buffer. |
| Uplink Bytes in Buffer | Total number of uplink bytes in the buffer. |
| Downlink Packets in Buffer | Total number of downlink packets in the buffer. |

| Field | Description |
|---|---|
| Downlink Bytes in Buffer | Total number of downlink bytes in the buffer. |
| Buff Over-limit Uplink Pkts | Total number of uplink packets that were over the buffer limit. |
| Buff Over-limit Uplink Bytes | Total number of uplink bytes that were over the buffer limit. |
| Buff Over-limit Downlink Pkts | Total number of downlink packets that were over the buffer limit. |
| Buff Over-limit Downlink Bytes | Total number of downlink bytes that were over the buffer limit. |
| Processed Uplink Packets | Total packets processed for upload. |
| Processed Downlink Packets | Total packets processed for download. |
| In Releases prior to 20: Dropped Uplink Packets | Total packets dropped in uplink direction. In Release 20 and beyond, this statistic is replaced by DCCA Buffered Packet Drops Uplink. |
| In Releases prior to 20: Dropped Downlink Packets | Total packets dropped in downlink direction. In Release 20 and beyond, this statistic is replaced by DCCA Buffered Packet Drops Downlink. |
| Current P-GW-Buffer Queue Length | Displays the currently utilized queue length. |
| Total P-GW Buffer Merge Count | Displays the merged count of PRA messages. |
| DCCA Buffered Packet Drops | |
| Uplink | Total number of packets dropped in uplink direction due to rule failure for DCCA buffered packets. |
| Downlink | Total number of packets dropped in downlink direction due to rule failure for DCCA buffered packets. |
| Uplink Out of Order Packets | Total out of order packets in uplink direction. |
| Downlink Out of Order Packets | Total out of order packets in downlink direction. |
| ITC Terminated Flows | Total number of flows terminated by Intelligent Traffic Control service. |
| ITC Redirected Flows | Total number of flows redirected by Intelligent Traffic Control service. |
| ITC Dropped Packets | Total number of packets dropped by Intelligent Traffic Control service. |
| ITC ToS Remarketed Packets | Total number of packets marked with Type of Service (ToS) by Intelligent Traffic Control service. |
| R7Gx Dropped Upl Packets | Total number of packets dropped by R7Gx in uplink direction. |
| R7Gx Dropped Dnl Packets | Total number of packets dropped by R7Gx in downlink direction. |

| Field | Description |
|---------------------------------------|---|
| R7Gx Dropped Upl Pkts RuleMatch Fail | Total number of packets dropped by R7Gx in uplink direction due to rulematch failure—no matching rule is found. |
| R7Gx Dropped Upl Bytes RuleMatch Fail | Total number of bytes dropped by R7Gx in uplink direction due to rulematch failure. |
| R7Gx Dropped Dnl Pkts RuleMatch Fail | Total number of packets dropped by R7Gx in downlink direction due to rulematch failure. |
| R7Gx Dropped Dnl Bytes RuleMatch Fail | Total number of bytes dropped by R7Gx in downlink direction due to rulematch failure. |
| CC Dropped Uplink Packets | Total number of packets dropped by credit control in uplink direction. |
| CC Dropped Uplink Bytes | Total number of bytes dropped by credit control in uplink direction. |
| CC Dropped Downlink Packets | Total number of packets dropped by credit control in downlink direction. |
| CC Dropped Downlink Bytes | Total number of bytes dropped by credit control in downlink direction. |
| NRUPC Req Made | Total number of Network Requested Update PDP Context (NRUPC) requests made. |
| NRUPC Req Success | Total number of NRUPC requests succeeded. |
| NRUPC Req Failed | Total number of NRUPC requests failed. |
| NRUPC Req Time Out | Total number of NRUPC requests timed out. |
| Current Readdressed Sessions | Total number of current readdressed sessions. |
| Total Readdressed Uplink Pkts | Total number of readdressed uplink packets. |
| Total Readdressed Uplink Bytes | Total number of readdressed uplink bytes. |
| Total Readdressed Downlink Pkts | Total number of readdressed downlink packets. |
| Total Readdressed Downlink Bytes | Total number of readdressed downlink bytes. |
| Total Readdressing Failure Packets | Total number of packets with readdressing failures. |
| Non SYN Flow | Total number of readdressing packets with a non SYN flow failure. |
| Duplicate Key | Total number of readdressing packets with a duplicate key failure. |
| Dropped Pkts | Total number of packets discarded on readdressing failure. If the discard-on-failure option is not enabled using the flow action readdress command, this value will be zero. |

| Field | Description |
|--------------------------------------|---|
| Creation Time | Time display in UTC format. |
| Last Pkt Time | Time of last packet created. |
| Duration | Duration of session. |
| Active Charging Service name | Name of the Active Charging Service. |
| Rule Base name | Name of the ACS rulebase applied. |
| URL-Redir First-Request-Only | Specifies whether URL redirection for the first request only is enabled. |
| Tethering-detection notification | Indicates whether tethering detection notification is enabled or disabled. |
| Tethering-detected notification sent | Indicates wheter tethering detection notification is sent (Yes, No, or n/a) |
| Bandwidth Policy | The ACS bandwidth policy applicable for subscriber. |
| Firewall Policy | Indicates whether Stateful Firewall processing is required for subscriber. |
| FW-and-NAT Policy | The Stateful Firewall-and-NAT policy applicable for subscriber. |
| NAT Policy | Indicates whether NAT processing is required for subscriber. |
| TPO Policy | Important The Traffic Performance Optimization (TPO) in-line service is not supported in this release. |
| CF Policy ID | The Content Filtering policy ID applicable for subscriber. |
| Dynamic Charging | Status of dynamic charging functionality. |
| Dynamic Chrg Msg Received | Total number of messages received for dynamic charging. |
| Rule Definitions Received | Total number of ruledefs received. |
| Installs Received | Total number of "Charging-Rule-Install" messages received. |
| Removes Received | Total number of "Charging-Rule-Remove" messages received. |
| Installs Succeeded | Total number of charging rules installed successfully. |
| Installs Failed | Total number of charging rules installation failed. |
| Removes Succeeded | Total number of charging rules removed successfully. |
| Removes Failed | Total number of charging rules removal failed. |
| Override Control | |
| Installs Received | Total number of overrides received. |

| Field | Description |
|--|--|
| Installs Succeeded | Total number of overrides that were succeeded. |
| Installs Failed | Total number of overrides that were failed. |
| Disables Received | Total number of disable overrides received for a specific call. |
| Disables Succeeded | Total number of disable overrides succeeded for a specific call. |
| Disables Failed | Total number of disable overrides failed for a specific call. |
| Uplink Dynamic Rule Packets | Total number of packets uplinked with dynamic rules. |
| Uplink Dynamic Rule Bytes | Total number of bytes uplinked with dynamic rules. |
| Downlink Dynamic Rule Packets | Total number of packets downlinked with dynamic rules. |
| Downlink Dynamic Rule Bytes | Total number of bytes downlinked with dynamic rules. |
| Dynamic Charging Packet Drop Statistics | |
| Bearer BW Limit Upl Pkts | Total number of uplink packets dropped due to bearer bandwidth limiting. |
| Bearer BW Limit Dnl Pkts | Total number of downlink packets dropped due to bearer bandwidth limiting. |
| Bearer BW Limit Upl Bytes | Total number of uplink bytes dropped due to bearer bandwidth limiting. |
| Bearer BW Limit Dnl Bytes | Total number of downlink bytes dropped due to bearer bandwidth limiting. |
| PCC Rule BW Limit Upl Pkts | Total number of uplink packets dropped due to PCC rule bandwidth limiting. |
| PCC Rule BW Limit Dnl Pkts | Total number of downlink packets dropped due to PCC rule bandwidth limiting. |
| PCC Rule BW Limit Upl Bytes | Total number of uplink bytes dropped due to PCC rule bandwidth limiting. |
| PCC Rule BW Limit Dnl Bytes | Total number of downlink bytes dropped due to PCC rule bandwidth limiting. |
| PCC Rule Gating Upl Pkts | Total number of uplink packets dropped due to PCC rule gating. |
| PCC Rule Gating Dnl Pkts | Total number of downlink packets dropped due to PCC rule gating. |
| PCC Rule Gating Upl Bytes | Total number of uplink bytes dropped due to PCC rule gating. |
| PCC Rule Gating Dnl Bytes | Total number of downlink bytes dropped due to PCC rule gating. |
| RuleMatch Fail Upl Pkts | Total number of uplink packets dropped due to rule match failure. |

| Field | Description |
|---|---|
| RuleMatch Fail Dnl Pkts | Total number of downlink packets dropped due to rule match failure. |
| RuleMatch Fail Upl Bytes | Total number of uplink bytes dropped due to rule match failure. |
| RuleMatch Fail Dnl Bytes | Total number of downlink bytes dropped due to rule match failure. |
| Credit-Control | Indicates DCCA status: On/Off |
| CC Peer | Name of the credit control (CC) peer. |
| CC Group | Displays the selected credit control group information. |
| CC Mode | Indicates the credit control mode: RADIUS or DIAMETER |
| CC Failure Handling | Action configured for credit control failure handling. |
| CC Session Failover | Credit control session failover status. |
| CCR-I Server Unreachable Handling | Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| CCR-U Server Unreachable Handling | Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable. |
| Total CCR-U | The total number of CCR-Updates (Credit Control Request with Update) messages sent to the credit control server. |
| Current Server Unreachable State | Indicates that the Diameter server(s)/OCS are unreachable. |
| Interim Volume in Bytes (used / allotted) | Indicates how much of data volume has been currently consumed and the total allocated value. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again. |
| Interim Time in Seconds (used / allotted) | Indicates how much of time has been used up and the total allocated time. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again. |
| Server Retries (attempted / configured) | Indicates the total number of retries that were configured and attempted to the Diameter server during the Server-Unreachable-State. |
| Current TCP Proxy Flows | Total number of current TCP Proxy flows for the session. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|-----------------------------------|--|
| Total TCP Proxy Flows | Total number of TCP Proxy flows for the session. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| TCP-proxy reset for non-SYN flows | Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IP Flows | Total number of current IP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current ICMP Flows | Total number of current ICMP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IPv6 Flows | Total number of current IPv6 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current ICMPv6 Flows | Total number of current ICMPv6 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current MIPv6 Flows | Total number of current MIPv6 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current TCP Flows | Total number of current TCP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|---------------------|---|
| Current UDP Flows | Total number of current UDP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current HTTP Flows | Total number of current HTTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current HTTPS Flows | Total number of current HTTPS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current FTP Flows | Total number of current FTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current POP3 Flows | Total number of current POP3 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current SMTP Flows | Total number of current SMTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current SIP Flows | Total number of current SIP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current RTSP Flows | Total number of current RTSP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|------------------------|--|
| Current RTP Flows | Total number of current RTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current RTCP Flows | Total number of current RTCP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current IMAP Flows | Total number of current IMAP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current WSP-CO Flows | Total number of current WSP-CO flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current WSP-CL Flows | Total number of current WSP-CL flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current MMS Flows | Total number of current MMS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current DNS Flows | Total number of current DNS flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current PPTP-GRE Flows | Total number of current PPTP-GRE flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |

| Field | Description |
|---|---|
| Current PPTP Flows | Total number of current PPTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current P2P Flows | Total number of current P2P flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current H323 Flows | Total number of current H323 flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current TFTP Flows | Total number of current TFTP flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| Current UNKNOWN Flows | Total number of current UNKNOWN flows. Important This statistic is removed from this command in 18.0 and later releases, and available in the show active-charging subscribers full all command. |
| CAE-Readdressing: | |
| GET Requests redirected | Total number of HTTP GET requests redirected to a CAE. |
| POST Requests redirected | Total number of HTTP POST requests redirected to a CAE. |
| Other Requests redirected | Total number of other HTTP requests redirected to a CAE. |
| HTTP Responses redirected | Total number of HTTP responses redirected to a CAE. |
| Requests having xheader inserted | Total number of HTTP requests that have x-headers inserted. |
| Total connection failed to video server | Total number of failed connections to the video server. |
| Total uplink Bytes | Total number of uplink bytes. |
| Total uplink Packets | Total number of uplink packets. |
| Total downlink Bytes | Total number of downlink bytes. |
| Total downlink Packets | Total number of downlink packets. |
| STATIC CF STATISTICS | |

| Field | Description |
|--|---|
| CF Packets Allowed | Total number of packets allowed after applying content filtering service. NOTE: This statistic has been renamed to Flows Allowed in 12.0 and later releases. |
| CF Packets Discarded without Responding | Total number of packets discarded without sending any response after applying content filtering service. NOTE: This statistic has been renamed to Flows Discarded in 12.0 and later releases. |
| CF Packets Discarded with Flow Redirection | Total number of packets discarded with traffic flow redirection after applying content filtering service. NOTE: This statistic has been renamed to Flows Redirected in 12.0 and later releases. |
| CF Packets Discarded with Flow Termination | Total number of packets discarded and traffic flow terminated after applying content filtering service. NOTE: This statistic has been renamed to Flows Terminated in 12.0 and later releases. |
| CF Packets Discarded with Flow Content Insertion | Total number of packets discarded and content inserted in response message after applying content filtering service. NOTE: This statistic has been renamed to Flows Discarded with Content Insertion in 12.0 and later releases. |
| CF Static DB Look-ups | Total number of lookups in static rating database for content filtering service. |
| CF Successful Cache Look-ups | Total number of lookups in cache memory for static rating of URLs and returned successful after applying content filtering service. |
| DYNAMIC CF STATISTICS | |
| Flows Allowed | Total number of flows allowed by dynamic CF. Typically a flow is allowed if the matched flow category contains the action "allow" in the CF configuration. |
| Flows Discarded | Total number of flows discarded by dynamic CF. |
| Flows Redirected | Total number of flows redirected by dynamic CF. |
| Flows Terminated | Total number of flows terminated by dynamic CF. |
| Flows Discarded with Content Insertion | Total number of flows discarded with content insertion by dynamic CF. |
| CF Dynamic Lookups | Total number of lookups in dynamic rating database for content filtering service. |

| Field | Description |
|--|--|
| Charging ruledef(s) matching the specified criteria | Charging ruledef(s) matching the specified criteria. |
| Firewall ruledef(s) match the specified criteria | Stateful Firewall ruledef(s) matching the specified criteria. |
| Dynamic Charging Rule Name Statistics | Dynamic charging rule name statistics. |
| Total Dynamic Rules | Total number of dynamic rules. |
| Total L7 Dynamic Rules | Total number of L7 dynamic rules sent from PCRF. |
| Total Predefined Rules | Total number of predefined rules. |
| Total ADC Rules | Total number of ADC rules (ADC Predefined + ADC Dynamic Rules). |
| Total Firewall Predefined Rules | Total number of Stateful Firewall predefined rules. |
| Dynamic Charging Rule Definitions Configured | Dynamic charging rules configured. |
| Rule Parameters | <p>Displays the values for the following parameters:</p> <ul style="list-style-type: none"> • TDF Application Id: ADC Application Identifier. The name of the ruledef given in the PCRF/Gx configuration. • TDF Readdress Status: ADC Readdress status enabled/disabled. • TDF Readdress IP: Displayed only when Readdress status is enabled. • TDF Redirect URL: Displayed only when the redirect to URL is given in the PCRF/Gx configuration. Either readdress or redirect information is displayed. • TDF Custom-mute: Enabled/Disabled |
| Total Dynamic Charging Rule Names | Total number of dynamic charging rules. |
| Total Dynamic Firewall Rule Names | Total number of dynamic Stateful Firewall rules. |
| Inheritance is disabled for this subscriber - Error! | This field is displayed if rule information has inheritance parameters but the subscriber-level information does not have inheritance enabled. |
| Predefined Rules Enabled List | List of enabled predefined rules. |
| Predefined Firewall Rules Enabled List | List of enabled predefined Firewall rules. |
| Total Override Control | Total number of overrides that are currently active for the subscriber. |
| Total acs sessions matching specified criteria | Total number of ACS sessions matching the specified criteria. |
| Radio-Congestion Session Full Stats | |

| Field | Description |
|--|--|
| Last Reported Congestion Level | Indicates the last reported congestion level. |
| Total Flows Analyzed | Total number of flows analyzed. |
| Total Flows Eligible for Correlation | Total number of flows eligible for correlation. |
| Radio-Congestion Session Last Reported Stats | |
| Total Flows Analyzed | Total number of flows analyzed. |
| Total Flows Eligible for Correlation | Total number of flows eligible for correlation. |
| Total Flows with Congestion Level | Total number of flows with congestion level. |
| no Congestion | Total number of flows with no congestion. |
| low Congestion | Total number of flows with low congestion. |
| medium Congestion | Total number of flows with medium congestion. |
| high Congestion | Total number of flows with high congestion. |
| extreme Congestion | Total number of flows with extreme congestion. |
| Link Monitoring Average Throughput | The average link monitoring throughput, in kbps. |
| Link Monitoring Average RTT | The average link monitoring RTT (Round Trip Time), in milliseconds. |
| Custom | Indicates operator specific custom option. |
| Value | Indicates the value used for sending in custom PCO container. |
| Interface | Indicates the interface such as Gx, Gy or n/a based on the following conditions: <ul style="list-style-type: none"> • Gx: The charging rule is applied from the Gx interface that has custom PCO value. • Gy: The charging rule is applied from the Gy interface that has custom pco value. • N/A: The configured PCO value which is applied from APN profile |

show active-charging sessions summary

Table 83: show active-charging sessions summary Command Output Descriptions

| Field | Description |
|---------------------------|---|
| Session-ID | The active charging session ID. |
| Username | Name of the subscriber. |
| Callid | Call identification. |
| IMSI/MSID | Indicates the International Mobile Subscriber Identification / Mobile Station ID. |
| ACSMgr Instance | Total instance of ACS Manager. |
| ACSMgr Card/Cpu | Total number of ACS Manager Card/CPU. |
| Client-IP | Indicates the IP address of Client. |
| SessMgr Instance | Total instance of session manager. |
| NAS-IP | Indicates the IP address of Network Access Server. |
| NAS-PORT | Indicates the TCP port of Network Access Server. |
| Access-NAS-IP(FA) | Indicates the IP address of accessed Network Access Server Foreign Agent (FA). |
| Acct-Session-ID | Indicates the accounting session ID. |
| 3GPP2-Correlation-ID | Indicates the Mobile IP Correlation ID. |
| Access-Correlation-ID(FA) | Indicates the access correlation ID for FA. |
| MEID | Indicates the Mobile equipment's unique Mobile Equipment Identifier (MEID). |
| Carrier-ID | Indicates the Carrier or service ID. |
| ESN | Indicates the Electronic Serial Number (ESN) of mobile equipment. |
| Uplink Bytes | Total bytes uploaded. |
| Downlink Bytes | Total bytes downloaded. |
| Uplink Packets | Total packets uploaded. |
| Downlink Packets | Total packets downloaded. |
| Injected Uplink Bytes | Total bytes injected to upload. |

| Field | Description |
|-------------------------------|---|
| Injected Downlink Bytes | Total bytes injected to download. |
| Injected Uplink Packets | Total packets injected to upload. |
| Injected Downlink Packets | Total packets injected to download. |
| Uplink Out of Order Packets | Total out of order packets in uplink direction. |
| Downlink Out of Order Packets | Total out of order packets in downlink direction. |
| Creation Time | Time display in UTC format. |
| Last Pkt Time | Time of last packet created. |
| Duration | Duration of session. |
| Active Charging Service name | Name of the ACS service. |
| Rule Base name | Name of the rulebase applied. |
| Credit-Control | DCCA status: On/Off |
| CC peer | Name of the Credit Control (CC) peer. |
| CC Failure Handling | Action configured to handle CC failure. |
| CC Session Failover | CC Session Failover status. |
| Rating-Group | Rating-Group of the MSCC which is used by DCCA |
| State | State in which the MSCC (identified by Rating-Group and Service-Identifier) is present. For example, Charging, Limit-Reached, Rating-Failed, etc. |
| Pending Update | This indicates whether a response is awaited from the server for this MSCC, after sending a CCR-U. |
| Last CCA | Time duration from the last sent CCR-Update request for this MSCC. |
| Time Threshold | Threshold for CC. |
| Quota | Quota assigned for pre-paid subscriber. |
| Usage | Usage by subscriber. |
| Ruledef Name | Name of the Ruledef. |
| Pkts-Down | Total packets in downlink direction. |
| Bytes-Down | Total byte in downlink direction. |
| Pkts-Up | Total Packets in upward direction. |
| Bytes-Up | Total bytes in upward direction. |

| Field | Description |
|---------------------------|---|
| Hits | Total packets in upload and download direction. |
| Current IP Sessions | Total number of current IP sessions. |
| Current ICMP Sessions | Total number of current ICMP sessions. |
| Current IPv6 Sessions | Total number of current IPv6 sessions. |
| Current ICMPv6 Sessions | Total number of current ICMPv6 sessions. |
| Current TCP Sessions | Total number of current TCP sessions. |
| Current UDP Sessions | Total number of current UDP sessions. |
| Current HTTP Sessions | Total number of current HTTP sessions. |
| Current HTTPS Sessions | Total number of current HTTPS sessions. |
| Current FTP Sessions | Total number of current FTP sessions. |
| Current POP3 Sessions | Total number of current POP3 sessions. |
| Current SMTP Sessions | Total number of current SMTP sessions. |
| Current SIP Sessions | Total number of current SIP sessions. |
| Current RTSP Sessions | Total number of current RTSP sessions. |
| Current RTP Sessions | Total number of current RTP sessions. |
| Current RTCP Sessions | Total number of current RTCP sessions. |
| Current IMAP Sessions | Total number of current IMAP sessions. |
| Current WSP-CO Sessions | Total number of current WSP-CO sessions. |
| Current WSP-CL Sessions | Total number of current WSP-CL sessions. |
| Current MMS Sessions | Total number of current MMS sessions. |
| Current DNS Sessions | Total number of current DNS sessions. |
| Current PPTP Sessions | Total number of current PPTP sessions. |
| Current PPTP-GRE Sessions | Total number of current PPTP-GRE sessions. |
| Current P2P Sessions | Total number of current P2P sessions. |
| Current H323 Sessions | Total number of current H323 sessions. |
| Current TFTP Sessions | Total number of current TFTP sessions. |
| Current UNKNOWN Sessions | Total number of current UNKNOWN sessions. |
| Current SKYPE Sessions | Total number of current SKYPE sessions. |

| Field | Description |
|---|--|
| Current YAHOO Sessions | Total number of current YAHOO sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current SKYPE voice Sessions | Total number of current SKYPE voice sessions. |
| Current YAHOO voice Sessions | Total number of current YAHOO voice sessions. |
| Current SKYPE non-voice Sessions | Total number of current SKYPE non-voice sessions. |
| Current YAHOO non-voice Sessions | Total number of current YAHOO non-voice sessions. |
| Important The following two audio counters are available only for 11.0 and later releases. | |
| Current SKYPE Audio Sessions | Total number of current SKYPE audio sessions. |
| Current YAHOO Audio Sessions | Total number of current YAHOO audio sessions. |
| Current YAHOO Video Sessions | Total number of current YAHOO video sessions. |
| Current SKYPE Unclassified Sessions | Total number of current SKYPE Unclassified sessions. |
| Current SKYPE Voipout Sessions | Total number of current SKYPE Voipout sessions. |
| Current EDONKEY Sessions | Total number of current EDONKEY sessions. |
| Current ORB Sessions | Total number of current ORB sessions. |
| Current MSN Sessions | Total number of current MSN sessions. |
| Current GNUTELLA Sessions | Total number of current GNUTELLA sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current MSN voice Sessions | Total number of current MSN voice sessions. |
| Current MSN non-voice Sessions | Total number of current MSN non-voice sessions. |
| Current BITTORRENT Sessions | Total number of current BITTORRENT sessions. |
| Important The following audio/video counters are available only for 11.0 and later releases. | |
| Current MSN Audio Sessions | Total number of current MSN audio sessions. |
| Current MSN Video Sessions | Total number of current MSN video sessions. |
| Current SLINGBOX Sessions | Total number of current SLINGBOX sessions. |
| Current JABBER Sessions | Total number of current JABBER sessions. |
| Current WINNY Sessions | Total number of current WINNY sessions. |
| Current MANOLITO Sessions | Total number of current MANOLITO sessions. |

| Field | Description |
|---|---|
| Current PANDO Sessions | Total number of current PANDO sessions. |
| Current FILETOPIA Sessions | Total number of current FILETOPIA sessions. |
| Current SOULSEEK Sessions | Total number of current SOULSEEK sessions. |
| Current PPSTREAM Sessions | Total number of current PPSTREAM sessions. |
| Current QQ Sessions | Total number of current QQ sessions. |
| Current QQ Audio Sessions | Total number of current QQ audio sessions. |
| Current QQ Video Sessions | Total number of current QQ video sessions. |
| Current QQLIVE Sessions | Total number of current QQLIVE sessions. |
| Current IMESH Sessions | Total number of current IMESH sessions. |
| Current MUTE Sessions | Total number of current MUTE sessions. |
| Current PPLIVE Sessions | Total number of current PPLIVE sessions. |
| Current GADUGADU Sessions | Total number of current GADUGADU sessions. |
| Current FEIDIAN Sessions | Total number of current FEIDIAN sessions. |
| Current APPLEJUICE Sessions | Total number of current APPLEJUICE sessions. |
| Current fasttrack Sessions | Total number of current Fasttrack sessions. |
| Current ZATTOO Sessions | Total number of current ZATTOO sessions. |
| Current SKINNY Sessions | Total number of current SKINNY sessions. |
| Current SOPCAST Sessions | Total number of current SOPCAST sessions. |
| Current DIRECTCONNECT Sessions | Total number of current DIRECTCONNECT sessions. |
| Current ARES Sessions | Total number of current ARES sessions. |
| Current OSCAR Sessions | Total number of current OSCAR sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current OSCAR voice Sessions | Total number of current OSCAR voice sessions. |
| Current OSCAR non-voice Sessions | Total number of current OSCAR non-voice sessions. |
| Important The following two counters are available only for 11.0 and later releases. | |
| Current OSCAR Audio Sessions | Total number of current OSCAR audio sessions. |
| Current OSCAR Video Sessions | Total number of current OSCAR video sessions. |

| Field | Description |
|---|---|
| Current POPO Sessions | Total number of current POPO sessions. |
| Current IRC Sessions | Total number of current IRC sessions. |
| Current STEAM Sessions | Total number of current STEAM sessions. |
| Current DDLINK Sessions | Total number of current DDLINK sessions. |
| Current HALFLIFE2 Sessions | Total number of current HALFLIFE2 sessions. |
| Current HAMACHIVPN Sessions | Total number of current HAMACHIVPN sessions. |
| Current TVANTS Sessions | Total number of current TVANTS sessions. |
| Current TVUPLAYER Sessions | Total number of current TVUPLAYER sessions. |
| Current UUSEE Sessions | Total number of current UUSEE sessions. |
| Current VPNX Sessions | Total number of current VPNX sessions. |
| Current VTUN Sessions | Total number of current VTUN sessions. |
| Current WINMX Sessions | Total number of current WINMX sessions. |
| Current WOFWARCRAFT Sessions | Total number of current WOFWARCRAFT sessions. |
| Current XBOX Sessions | Total number of current XBOX sessions. |
| Current ISKOOT Sessions | Total number of current ISKOOT sessions. |
| Current FRING Sessions | Total number of current FRING sessions. |
| Current GTALK Sessions | Total number of current GTALK sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current GTALK voice Sessions | Total number of current GTALK voice sessions. |
| Current GTALK non-voice Sessions | Total number of current GTALK non-voice sessions. |
| Important The following two counters are available only for 11.0 and later releases. | |
| Current GTALK Audio Sessions | Total number of current GTALK audio sessions. |
| Current GTALK Video Sessions | Total number of current GTALK video sessions. |
| Current OOVOO Sessions | Total number of current OOVOO sessions. |
| Current FREENET Sessions | Total number of current FREENET sessions. |
| Current AIMINI Sessions | Total number of current AIMINI sessions. |
| Current BATTLEFIELD Sessions | Total number of current BATTLEFIELD sessions. |

| Field | Description |
|---------------------------------------|--|
| Current OPENFT Sessions | Total number of current OPENFT sessions. |
| Current QQGAME Sessions | Total number of current QQGAME sessions. |
| Current QUAKE Sessions | Total number of current QUAKE sessions. |
| Current SECONDLIFE Sessions | Total number of current SECONDLIFE sessions. |
| Current ACTIVESYNC Sessions | Total number of current ACTIVESYNC sessions. |
| Current NIMBUZZ Sessions | Total number of current NIMBUZZ sessions. |
| Current IAX Sessions | Total number of current IAX sessions. |
| Current PALTALK Sessions | Total number of current PALTALK sessions. |
| Current WARCRAFT3 Sessions | Total number of current WARCRAFT3 sessions. |
| Current IPTV Sessions | Total number of current IPTV sessions. |
| Current RDP Sessions | Total number of current RDP sessions. |
| Current PANDORA Sessions | Total number of current PANDORA sessions. |
| Current PANDORA unclassified Sessions | Total number of current PANDORA unclassified sessions. |
| Current PANDORA ads Sessions | Total number of current PANDORA ads sessions. |
| Current ICECAST Sessions | Total number of current ICECAST sessions. |
| Current KONTIKI Sessions | Total number of current KONTIKI sessions. |
| Current MEEBO Sessions | Total number of current MEEBO sessions. |
| Current SHOUTCAST Sessions | Total number of current SHOUTCAST sessions. |
| Current TRUPHONE Sessions | Total number of current TRUPHONE sessions. |
| Current THUNDER Sessions | Total number of current THUNDER sessions. |
| Current ARMAGETTRON Sessions | Total number of current ARMAGETTRON sessions. |
| Current BLACKBERRY Sessions | Total number of current BLACKBERRY sessions. |
| Current CITRIX Sessions | Total number of current CITRIX sessions. |
| Current CLUBPENGUIN Sessions | Total number of current CLUBPENGUIN sessions. |
| Current CROSSFIRE Sessions | Total number of current CROSSFIRE sessions. |
| Current DOFUS Sessions | Total number of current DOFUS sessions. |
| Current FIESTA Sessions | Total number of current FIESTA sessions. |
| Current FLORENSIA Sessions | Total number of current FLORENSIA sessions. |

| Field | Description |
|--|---|
| Current FUNSHION Sessions | Total number of current FUNSHION sessions. |
| Current GUILDWARS Sessions | Total number of current GUILDWARS sessions. |
| Current ISAKMP Sessions | Total number of current ISAKMP sessions. |
| Current MAPLESTORY Sessions | Total number of current MAPLESTORY sessions. |
| Current MGCP Sessions | Total number of current MGCP sessions. |
| Current OCTOSHAPe Sessions | Total number of current OCTOSHAPe sessions. |
| Current OFF Sessions | Total number of current OFF sessions. |
| Current PS3 Sessions | Total number of current PS3 sessions. |
| Current RMSTREAM Sessions | Total number of current RMSTREAM sessions. |
| Current RFACTOR Sessions | Total number of current RFACTOR sessions. |
| Current SPLASHFIGHTER Sessions | Total number of current SPLASHFIGHTER sessions. |
| Current SSDP Sessions | Total number of current SSDP sessions. |
| Current STEALTHNET Sessions | Total number of current STEALTHNET sessions. |
| Current STUN Sessions | Total number of current STUN sessions. |
| Current TEAMSPEAK Sessions | Total number of current TEAMSPEAK sessions. |
| Current TOR Sessions | Total number of current TOR sessions. |
| Current VEOHTV Sessions | Total number of current VEOHTV sessions. |
| Current WII Sessions | Total number of current WII sessions. |
| Current WMSTREAM Sessions | Total number of current WMSTREAM sessions. |
| Current WOFKUNGFU Sessions | Total number of current WOFKUNGFU sessions. |
| Current XDCC Sessions | Total number of current XDCC sessions. |
| Current YOURFREEDOM Sessions | Total number of current YOURFREEDOM sessions. |
| Current FACEBOOK Sessions | Total number of current FACEBOOK sessions. |
| Current GAMEKIT Sessions | Total number of current GAMEKIT sessions. |
| Current FACETIME Sessions | Total number of current FACETIME sessions. |
| Current FACETIME Unclassified Sessions | Total number of current FACETIME unclassified sessions. |
| Current FACETIME Audio Sessions | Total number of current FACETIME audio sessions. |
| Current FACETIME Video Sessions | Total number of current FACETIME video sessions. |

| Field | Description |
|--|---|
| Current GMAIL Sessions | Total number of current GMAIL sessions. |
| Current ITUNES Sessions | Total number of current ITUNES sessions. |
| Current MYSPACE Sessions | Total number of current MYSPACE sessions. |
| Current TEAMVIEWER Sessions | Total number of current TEAMVIEWER sessions. |
| Current TWITTER Sessions | Total number of current TWITTER sessions. |
| Current TWITTER streaming-video Sessions | Total number of current TWITTER streaming-video sessions. |
| Current VIBER Sessions | Total number of current VIBER sessions. |
| Current VIBER Unclassified Sessions | Total number of current VIBER Unclassified sessions. |
| Current VIBER Audio Sessions | Total number of current VIBER Audio sessions. |
| Current VIBER im Sessions | Total number of current VIBER IM sessions. |
| Current VIBER file-transfer Sessions | Total number of current VIBER File-transfer sessions. |
| Current ANTSP2P Sessions | Total number of current ANTSP2P sessions. |
| Current IMO Sessions | Total number of current IMO sessions. |
| Current NETMOTION Sessions | Total number of current NETMOTION sessions. |
| Current OGG Sessions | Total number of current OGG sessions. |
| Current OPENVPN Sessions | Total number of current OPENVPN sessions. |
| Current QUICKTIME Sessions | Total number of current QUICKTIME sessions. |
| Current SPOTIFY Sessions | Total number of current SPOTIFY sessions. |
| Current TANGO Sessions | Total number of current TANGO sessions. |
| Current TANGO Audio Sessions | Total number of current TANGO audio sessions. |
| Current TANGO Video Sessions | Total number of current TANGO video sessions. |
| Current ULTRABAC Sessions | Total number of current ULTRABAC sessions. |
| Current USENET Sessions | Total number of current USENET sessions. |
| Current VOIPTUNNEL Sessions | Total number of current VOIPTUNNEL sessions. |
| Current SCYDO Sessions | Total number of current SCYDO sessions. |
| Current WHATSAPP Sessions | Total number of current WHATSAPP sessions. |
| Current WHATSAPP unclassified Sessions | Total number of current WHATSAPP unclassified sessions. |
| Current WHATSAPP audio Sessions | Total number of current WHATSAPP audio sessions. |

| Field | Description |
|---|--|
| Current MYPEOPLE Sessions | Total number of current MYPEOPLE sessions. |
| Current RDT Sessions | Total number of current RDT sessions. |
| Current FLASH Sessions | Total number of current FLASH sessions. |
| Current MOJO Sessions | Total number of current MOJO sessions. |
| Current PCANYWHERE Sessions | Total number of current PCANYWHERE sessions. |
| Current WEBEX Sessions | Total number of current WEBEX sessions. |
| Current NETFLIX Sessions | Total number of current NETFLIX sessions. |
| Current IMPLUS Sessions | Total number of current IMPLUS sessions. |
| Current EBUDDY Sessions | Total number of current EBUDDY sessions. |
| Current MSRP Sessions | Total number of current MSRP sessions. |
| Current FICALL Sessions | Total number of current FICALL sessions. |
| Current GOTOMEETING Sessions | Total number of current GOTOMEETING sessions. |
| Current MIG33 Sessions | Total number of current MIG33 sessions. |
| Current COMODOUNITE Sessions | Total number of current COMODOUNITE sessions. |
| Current CALLOFDUTY Sessions | Total number of current CALLOFDUTY sessions. |
| Current GOOBER Sessions | Total number of current GOOBER sessions. |
| Current IPLAYER Sessions | Total number of current IPLAYER sessions. |
| Current OPERAMINI Sessions | Total number of current OPERAMINI sessions. |
| Current KAKAOTALK Sessions | Total number of current KAKAOTALK sessions. |
| Current KAKAOTALK Audio Sessions | Total number of current KAKAOTALK audio sessions. |
| Current KAKAOTALK Unclassified Sessions | Total number of current KAKAOTALK unclassified sessions. |
| Current NATEONTALK Sessions | Total number of current NATEONTALK sessions. |
| Current NAVERLINE Sessions | Total number of current NAVERLINE sessions. |
| Current AVI Sessions | Total number of current AVI sessions. |
| Current GOOGLEPLAY Sessions | Total number of current GOOGLEPLAY sessions. |
| Current ICLOUD Sessions | Total number of current ICLOUD sessions. |
| Current SORIBADA Sessions | Total number of current SORIBADA sessions. |
| Current WECHAT Sessions | Total number of current WECHAT sessions. |

| Field | Description |
|--|---|
| Current WUALA Sessions | Total number of current WUALA sessions. |
| Current ACTIONVOIP Sessions | Total number of current ACTIONVOIP sessions. |
| Current ACTIONVOIP unclassified Sessions | Total number of current ACTIONVOIP unclassified sessions. |
| Current ACTIONVOIP audio Sessions | Total number of current ACTIONVOIP audio sessions. |
| Current AMAZONCLOUD Sessions | Total number of current AMAZONCLOUD sessions. |
| Current ICALL Sessions | Total number of current ICALL sessions. |
| Current ICALL unclassified Sessions | Total number of current ICALL unclassified sessions. |
| Current ICALL audio Sessions | Total number of current ICALL audio sessions. |
| Current ICALL video Sessions | Total number of current ICALL video sessions. |
| Current INSTAGRAM Sessions | Total number of current INSTAGRAM sessions. |
| Current JUMBLO Sessions | Total number of current JUMBLO sessions. |
| Current JUMBLO unclassified Sessions | Total number of current JUMBLO unclassified sessions. |
| Current JUMBLO audio Sessions | Total number of current JUMBLO audio sessions. |
| Current KUGOO Sessions | Total number of current KUGOO sessions. |
| Current MAGICJACK Sessions | Total number of current MAGICJACK sessions. |
| Current MAGICJACK unclassified Sessions | Total number of current MAGICJACK unclassified sessions. |
| Current MAGICJACK audio Sessions | Total number of current MAGICJACK audio sessions. |
| Current MAPI Sessions | Total number of current MAPI sessions. |
| Current PINTEREST Sessions | Total number of current PINTEREST sessions. |
| Current PLINGM Sessions | Total number of current PLINGM sessions. |
| Current PLINGM unclassified Sessions | Total number of current PLINGM unclassified sessions. |
| Current PLINGM audio Sessions | Total number of current PLINGM audio sessions. |
| Current RYNGA Sessions | Total number of current RYNGA sessions. |
| Current RYNGA unclassified Sessions | Total number of current RYNGA unclassified sessions. |
| Current RYNGA audio Sessions | Total number of current RYNGA audio sessions. |
| Current SMARTVOIP Sessions | Total number of current SMARTVOIP sessions. |
| Current SMARTVOIP unclassified Sessions | Total number of current SMARTVOIP unclassified sessions. |
| Current SMARTVOIP audio Sessions | Total number of current SMARTVOIP audio sessions. |

| Field | Description |
|--|---|
| Current SPDY Sessions | Total number of current SPDY sessions. |
| Current TALKATONE Sessions | Total number of current TALKATONE sessions. |
| Current TALKATONE unclassified Sessions | Total number of current TALKATONE unclassified sessions. |
| Current TALKATONE audio Sessions | Total number of current TALKATONE audio sessions. |
| Current VOIPDISCOUNT Sessions | Total number of current VOIPDISCOUNT sessions. |
| Current VOIPDISCOUNT unclassified Sessions | Total number of current VOIPDISCOUNT unclassified sessions. |
| Current VOIPDISCOUNT audio Sessions | Total number of current VOIPDISCOUNT audio sessions. |
| Current VOPIUM Sessions | Total number of current VOPIUM sessions. |
| Current VOPIUM unclassified Sessions | Total number of current VOPIUM unclassified sessions. |
| Current VOPIUM audio Sessions | Total number of current VOPIUM audio sessions. |
| Current BEHAVIORAL-P2P Sessions | Total number of current Behavioral-P2P sessions. |
| Current BEHAVIORAL-VOIP Sessions | Total number of current Behavioral-VoIP sessions. |
| Current BEHAVIORAL-UPLOAD Sessions | Total number of current Behavioral-upload sessions. |
| Current BEHAVIORAL-DOWNLOAD Sessions | Total number of current Behavioral-download sessions. |
| Current IMESSAGE Sessions | Total number of current IMESSAGE sessions. |
| Current LINKEDIN Sessions | Total number of current LINKEDIN sessions. |
| Current GOOGLE Sessions | Total number of current GOOGLE sessions. |
| Current POCO Sessions | Total number of current POCO sessions. |
| Current ULTRASURF Sessions | Total number of current ULTRASURF sessions. |
| Current SNAPCHAT Sessions | Total number of current SNAPCHAT sessions. |
| Current TRUCCALLER Sessions | Total number of current TRUCCALLER sessions. |
| Current CYBERGHOST Sessions | Total number of current CYBERGHOST sessions. |
| Current GOOGLEPLUS Sessions | Total number of current GOOGLEPLUS sessions. |
| Current ADOBECONNECT Sessions | Total number of current ADOBECONNECT sessions. |
| Current USTREAM Sessions | Total number of current USTREAM sessions. |
| Current SIRI Sessions | Total number of current SIRI sessions. |
| Current SOFTETHER Sessions | Total number of current SOFTETHER sessions. |
| Current SUDAPHONE Sessions | Total number of current SUDAPHONE sessions. |

| Field | Description |
|---|--|
| Current SVTPLAY Sessions | Total number of current SVTPLAY sessions. |
| Current HYVES Sessions | Total number of current HYVES sessions. |
| Current SILVERLIGHT Sessions | Total number of current SILVERLIGHT sessions. |
| Current BLACKDIALER Sessions | Total number of current BLACKDIALER sessions. |
| Current BLACKDIALER Unclassified Sessions | Total number of current BLACKDIALER unclassified sessions. |
| Current BLACKDIALER Audio Sessions | Total number of current BLACKDIALER audio sessions. |
| Important The following statistics are supported from ADC plugin 1.5 and later releases. | |
| Current RODI Sessions | Total number of current RODI sessions. |
| Current SKYDRIVE Sessions | Total number of current SKYDRIVE sessions. |
| Current VTOK Sessions | Total number of current VTOK sessions. |
| Current VTOK Unclassified Sessions | Total number of current VTOK unclassified sessions. |
| Current VTOK Audio Sessions | Total number of current VTOK audio sessions. |
| Current VTOK Video Sessions | Total number of current VTOK video sessions. |
| Current FLICKR Sessions | Total number of current FLICKR sessions. |
| Current KURO Sessions | Total number of current KURO sessions. |
| Current DROPBOX Sessions | Total number of current DROPBOX sessions. |
| Current HEYTELL Sessions | Total number of current HEYTELL sessions. |
| Current BITCASA Sessions | Total number of current BITCASA sessions. |
| Current CLUBBOX Sessions | Total number of current CLUBBOX sessions. |
| Current TUMBLR Sessions | Total number of current TUMBLR sessions. |
| Current YOUTUBE Sessions | Total number of current YOUTUBE sessions. |
| Current VOXER Sessions | Total number of current VOXER sessions. |
| Current HOTSPOTVPN Sessions | Total number of current HOTSPOT VPN sessions. |
| Current BAIDUMOVIE Sessions | Total number of current BAIDU MOVIE sessions. |
| Current APPLEMAPS Sessions | Total number of current APPLEMAPS sessions. |
| Current BADOO Sessions | Total number of current BADOO sessions. |
| Current FACEBOOK UNCLASSIFIED Sessions | Total number of current FACEBOOK UNCLASSIFIED sessions. |
| Current FACEBOOK AUDIO Sessions | Total number of current FACEBOOK AUDIO sessions. |

| Field | Description |
|--|---|
| Current FACEBOOK streaming-video Sessions | Total number of current FACEBOOK streaming-video sessions. |
| Current FOURSQUARE Sessions | Total number of current FOURSQUARE sessions. |
| Current JAP Sessions | Total number of current JAP sessions. |
| Current MONKEY3 Sessions | Total number of current MONKEY3 sessions. |
| Current OUTLOOK Sessions | Total number of current OUTLOOK sessions. |
| Current VINE Sessions | Total number of current VINE sessions. |
| Current YAHOOMAIL Sessions | Total number of current YAHOOMAIL sessions. |
| Current BBM Sessions | Total number of current BBM sessions. |
| Current BBM UNCLASSIFIED Sessions | Total number of current BBM UNCLASSIFIED sessions. |
| Current BBM AUDIO Sessions | Total number of current BBM AUDIO sessions. |
| Current BOX Sessions | Total number of current BOX sessions. |
| Current CHIKKA Sessions | Total number of current CHIKKA sessions. |
| Current IMGUR Sessions | Total number of current IMGUR sessions. |
| Current OIST Sessions | Total number of current OIST sessions. |
| Current REGRAM Sessions | Total number of current REGRAM sessions. |
| Current VCHAT Sessions | Total number of current VCHAT sessions. |
| Current bittorent-sync Sessions | Total number of current Bittorrent Sync sessions. |
| Current cisco-jabber unclassified Sessions | Total number of current Cisco Jabber Unclassified sessions. |
| Current cisco-jabber audio Sessions | Total number of current Cisco Jabber Audio sessions. |
| Current cisco-jabber video Sessions | Total number of current Cisco Jabber Video sessions. |
| Current hls Sessions | Total number of current HLS sessions. |
| Current lync Sessions | Total number of current Lync sessions. |
| Current lync unclassified Sessions | Total number of current Lync Unclassified sessions. |
| Current lync audio Sessions | Total number of current Lync Audio sessions. |
| Current lync auvideo Sessions | Total number of current Lync Video sessions. |
| Current lync file-transfer Sessions | Total number of current Lync File-transfer sessions. |
| Current path Sessions | Total number of current Path sessions. |
| Current waze Sessions | Total number of current Waze sessions. |

| Field | Description |
|-----------------------------------|--|
| Current youku Sessions | Total number of current Youku sessions. |
| Current behavioral-video Sessions | Total number of current Behavioral video sessions. |
| Current apple-store Sessions | Total number of current apple-store sessions. |
| Current blackberry-store Sessions | Total number of current blackberry-store sessions. |
| Current hulu Sessions | Total number of current hulu sessions. |
| Current igo Sessions | Total number of current igo sessions. |
| Current mapfactor Sessions | Total number of current mapfactor sessions. |
| Current mozy Sessions | Total number of current mozy sessions. |
| Current navigon Sessions | Total number of current navigon sessions. |
| Current nokia-store Sessions | Total number of current nokia-store sessions. |
| Current opendrive Sessions | Total number of current opendrive sessions. |
| Current samsung-store Sessions | Total number of current samsung-store sessions. |
| Current weibo Sessions | Total number of current weibo sessions. |
| Current windows-azure Sessions | Total number of current windows-azure sessions. |
| Current windows-store Sessions | Total number of current windows-store sessions. |
| Current windows-store Sessions | Total number of current windows-store sessions. |
| Current apple-push Sessions | Total number of current apple-push sessions. |
| Current didi Sessions | Total number of current didi sessions. |
| Current friendster Sessions | Total number of current friendster sessions. |
| Current google-music Sessions | Total number of current google-music sessions. |
| Current google-push Sessions | Total number of current google-push sessions. |
| Current hike-messenger Sessions | Total number of current hike-messenger sessions. |
| Current idrive Sessions | Total number of current idrive sessions. |
| Current kik-messenger Sessions | Total number of current kik-messenger sessions. |
| Current tagged Sessions | Total number of current tagged sessions. |
| Current telegram Sessions | Total number of current telegram sessions. |
| Current xing Sessions | Total number of current xing sessions. |
| Current rhapsody Sessions | Total number of current rhapsody sessions. |

| Field | Description |
|---|--|
| Current speedtest Sessions | Total number of current speedtest sessions. |
| Current twitch Sessions | Total number of current twitch sessions. |
| Current hbogo Sessions | Total number of current hbogo sessions. |
| Current iheartradio Sessions | Total number of current iheartradio sessions. |
| Current iheartradio unclassified Sessions | Total number of current iheartradio unclassified sessions. |
| Current iheartradio ads Sessions | Total number of current iheartradio ads sessions. |
| Current slacker-radio Sessions | Total number of current slacker-radio sessions. |
| Current slacker-radio unclassified Sessions | Total number of current slacker-radio unclassified sessions. |
| Current slacker-radio ads Sessions | Total number of current slacker-radio ads sessions. |
| Current upc-phone Sessions | Total number of current upc-phone sessions. |
| Current upc-phone unclassified Sessions | Total number of current upc-phone unclassified sessions. |
| Current upc-phone audio Sessions | Total number of current upc-phone audio sessions. |
| Current radio-paradise audio Sessions | Total number of current radio-paradise audio sessions. |
| Current beatport Sessions | Total number of current beatport sessions. |
| Current soundcloud Sessions | Total number of current soundcloud sessions. |
| Current amazonmusic Sessions | Total number of current amazonmusic sessions. |
| Current ssl Sessions | Total number of current ssl sessions. |
| Current slingtv Sessions | Total number of current slingtv sessions. |
| Current vessel Sessions | Total number of current vessel sessions. |
| Current vudu Sessions | Total number of current vudu sessions. |
| Current go90 Sessions | Total number of current go90 sessions. |
| Current Espn Sessions | Total number of current espn sessions. |
| Current Hbonow Sessions | Total number of current hbonow sessions. |
| Current Crackle Sessions | Total number of current crackle sessions. |

show active-charging sessions summary type p2p

Table 84: show active-charging sessions summary type p2p Command Output Descriptions

| Field | Description |
|--------------------------------|---|
| Total Active Charging Sessions | The total number of active charging sessions. |
| Uplink Bytes | Total bytes uploaded. |
| Downlink Bytes | Total bytes downloaded. |
| Uplink Packets | Total packets uploaded. |
| Downlink Packets | Total packets downloaded. |
| Current IP Sessions | Total number of current IP sessions. |
| Current ICMP Sessions | Total number of current ICMP sessions. |
| Current IPv6 Sessions | Total number of current IPv6 sessions. |
| Current ICMPv6 Sessions | Total number of current ICMPv6 sessions. |
| Current TCP Sessions | Total number of current TCP sessions. |
| Current UDP Sessions | Total number of current UDP sessions. |
| Current HTTP Sessions | Total number of current HTTP sessions. |
| Current HTTPS Sessions | Total number of current HTTPS sessions. |
| Current FTP Sessions | Total number of current FTP sessions. |
| Current POP3 Sessions | Total number of current POP3 sessions. |
| Current SMTP Sessions | Total number of current SMTP sessions. |
| Current SIP Sessions | Total number of current SIP sessions. |
| Current RTSP Sessions | Total number of current RTSP sessions. |
| Current RTP Sessions | Total number of current RTP sessions. |
| Current RTCP Sessions | Total number of current RTCP sessions. |
| Current IMAP Sessions | Total number of current IMAP sessions. |
| Current WSP-CO Sessions | Total number of current WSP-CO sessions. |
| Current WSP-CL Sessions | Total number of current WSP-CL sessions. |
| Current MMS Sessions | Total number of current MMS sessions. |
| Current DNS Sessions | Total number of current DNS sessions. |

| Field | Description |
|---|--|
| Current PPTP Sessions | Total number of current PPTP sessions. |
| Current PPTP-GRE Sessions | Total number of current PPTP-GRE sessions. |
| Current P2P Sessions | Total number of current P2P sessions. |
| Current H323 Sessions | Total number of current H323 sessions. |
| Current TFTP Sessions | Total number of current TFTP sessions. |
| Current UNKNOWN Sessions | Total number of current UNKNOWN sessions. |
| Current SKYPE Sessions | Total number of current SKYPE sessions. |
| Current YAHOO Sessions | Total number of current YAHOO sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current SKYPE voice Sessions | Total number of current SKYPE voice sessions. |
| Current YAHOO voice Sessions | Total number of current YAHOO voice sessions. |
| Current SKYPE non-voice Sessions | Total number of current SKYPE non-voice sessions. |
| Current YAHOO non-voice Sessions | Total number of current YAHOO non-voice sessions. |
| Important The following audio/non-audio counters are available only for 11.0 and later releases. | |
| Current SKYPE Audio Sessions | Total number of current SKYPE audio sessions. |
| Current YAHOO Audio Sessions | Total number of current YAHOO audio sessions. |
| Important The following audio/non-audio counters are available only for release 11.0. | |
| Current SKYPE non-audio Sessions | Total number of current SKYPE non-audio sessions. |
| Current YAHOO non-audio Sessions | Total number of current YAHOO non-audio sessions. |
| Important The following counters are available only for 12.0 and later releases. | |
| Current SKYPE Video Sessions | Total number of current SKYPE Video sessions. |
| Current YAHOO Video Sessions | Total number of current YAHOO Video sessions. |
| Current SKYPE Unclassified Sessions | Total number of current SKYPE Unclassified sessions. |
| Current SKYPE Voipout Sessions | Total number of current SKYPE Voipout sessions. |
| Current EDONKEY Sessions | Total number of current EDONKEY sessions. |
| Current ORB Sessions | Total number of current ORB sessions. |
| Current MSN Sessions | Total number of current MSN sessions. |

| Field | Description |
|---|--|
| Current GNUTELLA Sessions | Total number of current GNUTELLA sessions. |
| Important The following counter is available only for 10.0 and earlier releases. | |
| Current MSN voice Sessions | Total number of current MSN voice sessions. |
| Important The following counter is available only for 11.0 and later releases. | |
| Current MSN audio Sessions | Total number of current MSN audio sessions. |
| Current BITTORRENT Sessions | Total number of current BITTORRENT sessions. |
| Important The following counter is available only for 10.0 and earlier releases. | |
| Current MSN non-voice Sessions | Total number of current MSN non-voice sessions. |
| Important The following counter is available only for release 11.0. | |
| Current MSN non-audio Sessions | Total number of current MSN non-audio sessions. |
| Current MSN Video Sessions | Total number of current MSN video sessions. |
| Current MSN Unclassified Sessions | Total number of current MSN unclassified sessions. |
| Current SLINGBOX Sessions | Total number of current SLINGBOX sessions. |
| Current JABBER Sessions | Total number of current JABBER sessions. |
| Current WINNY Sessions | Total number of current WINNY sessions. |
| Current MANOLITO Sessions | Total number of current MANOLITO sessions. |
| Current PANDO Sessions | Total number of current PANDO sessions. |
| Current FILETOPIA Sessions | Total number of current FILETOPIA sessions. |
| Current SOULSEEK Sessions | Total number of current SOULSEEK sessions. |
| Current PPSTREAM Sessions | Total number of current PPSTREAM sessions. |
| Current QQ Sessions | Total number of current QQ sessions. |
| Current QQ Audio Sessions | Total number of current QQ audio sessions. |
| Current QQ Video Sessions | Total number of current QQ video sessions. |
| Current QQLIVE Sessions | Total number of current QQLIVE sessions. |
| Current IMESH Sessions | Total number of current IMESH sessions. |
| Current MUTE Sessions | Total number of current MUTE sessions. |
| Current PPLIVE Sessions | Total number of current PPLIVE sessions. |

| Field | Description |
|---|---|
| Current GADUGADU Sessions | Total number of current GADUGADU sessions. |
| Current FEIDIAN Sessions | Total number of current FEIDIAN sessions. |
| Current APPLEJUICE Sessions | Total number of current APPLEJUICE sessions. |
| Current FASTTRACK Sessions | Total number of current FASTTRACK sessions. |
| Current ZATTOO Sessions | Total number of current ZATTOO sessions. |
| Current SKINNY Sessions | Total number of current SKINNY sessions. |
| Current SOPCAST Sessions | Total number of current SOPCAST sessions. |
| Current DIRECTCONNECT Sessions | Total number of current DIRECTCONNECT sessions. |
| Current ARES Sessions | Total number of current ARES sessions. |
| Current OSCAR Sessions | Total number of current OSCAR sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current OSCAR voice Sessions | Total number of current OSCAR voice sessions. |
| Current OSCAR non-voice Sessions | Total number of current OSCAR non-voice sessions. |
| Important The following audio/non-audio counters are available only for release 11.0 and later releases. | |
| Current OSCAR Audio Sessions | Total number of current OSCAR audio sessions. |
| Current OSCAR Video Sessions | Total number of current OSCAR video sessions. |
| Current POPO Sessions | Total number of current POPO sessions. |
| Current IRC Sessions | Total number of current IRC sessions. |
| Current STEAM Sessions | Total number of current STEAM sessions. |
| Current DDLINK Sessions | Total number of current DDLINK sessions. |
| Current HALFLIFE2 Sessions | Total number of current HALFLIFE2 sessions. |
| Current HAMACHIVPN Sessions | Total number of current HAMACHIVPN sessions. |
| Current TVANTS Sessions | Total number of current TVANTS sessions. |
| Current TVUPLAYER Sessions | Total number of current TVUPLAYER sessions. |
| Current UUSEE Sessions | Total number of current UUSEE sessions. |
| Current VPNX Sessions | Total number of current VPNX sessions. |
| Current VTUN Sessions | Total number of current VTUN sessions. |

| Field | Description |
|---|---|
| Current WINMX Sessions | Total number of current WINMX sessions. |
| Current WOFWARCRAFT Sessions | Total number of current WOFWARCRAFT sessions. |
| Current XBOX Sessions | Total number of current XBOX sessions. |
| Current ISKOOT Sessions | Total number of current ISKOOT sessions. |
| Current FRING Sessions | Total number of current FRING sessions. |
| Current GTALK Sessions | Total number of current GTALK sessions. |
| Important The following voice/non-voice counters are available only for 10.0 and earlier releases. | |
| Current GTALK voice Sessions | Total number of current GTALK voice sessions. |
| Current GTALK non-voice Sessions | Total number of current GTALK non-voice sessions. |
| Important The following audio/non-audio counters are available only for 11.0 and later releases. | |
| Current GTALK Audio Sessions | Total number of current GTALK Audio sessions. |
| Current GTALK Video Sessions | Total number of current GTALK video sessions. |
| Current OOVOO Sessions | Total number of current OOVOO sessions. |
| Current FREENET Sessions | Total number of current FREENET sessions. |
| Current AIMINI Sessions | Total number of current AIMINI sessions. |
| Current BATTLEFIELD Sessions | Total number of current BATTLEFIELD sessions. |
| Current OPENFT Sessions | Total number of current OPENFT sessions. |
| Current QQGAME Sessions | Total number of current QQGAME sessions. |
| Current QUAKE Sessions | Total number of current QUAKE sessions. |
| Current SECONDLIFE Sessions | Total number of current SECONDLIFE sessions. |
| Current ACTIVESYNC Sessions | Total number of current ACTIVESYNC sessions. |
| Current NIMBUZZ Sessions | Total number of current NIMBUZZ sessions. |
| Current IAX Sessions | Total number of current IAX sessions. |
| Current PALTALK Sessions | Total number of current PALTALK sessions. |
| Current WARCRAFT3 Sessions | Total number of current WARCRAFT3 sessions. |
| Current IPTV Sessions | Total number of current IPTV sessions. |
| Current RDP Sessions | Total number of current RDP sessions. |

| Field | Description |
|---------------------------------------|--|
| Current PANDORA Sessions | Total number of current PANDORA sessions. |
| Current PANDORA unclassified Sessions | Total number of current PANDORA unclassified sessions. |
| Current PANDORA ads Sessions | Total number of current PANDORA ads sessions. |
| Current ICECAST Sessions | Total number of current ICECAST sessions. |
| Current KONTIKI Sessions | Total number of current KONTIKI sessions. |
| Current MEEBO Sessions | Total number of current MEEBO sessions. |
| Current SHOUTCAST Sessions | Total number of current SHOUTCAST sessions. |
| Current TRUPHONE Sessions | Total number of current TRUPHONE sessions. |
| Current THUNDER Sessions | Total number of current THUNDER sessions. |
| Current ARMAGETTRON Sessions | Total number of current ARMAGETTRON sessions. |
| Current BLACKBERRY Sessions | Total number of current BLACKBERRY sessions. |
| Current CITRIX Sessions | Total number of current CITRIX sessions. |
| Current CLUBPENGUIN Sessions | Total number of current CLUBPENGUIN sessions. |
| Current CROSSFIRE Sessions | Total number of current CROSSFIRE sessions. |
| Current DOFUS Sessions | Total number of current DOFUS sessions. |
| Current FIESTA Sessions | Total number of current FIESTA sessions. |
| Current FLORENSIA Sessions | Total number of current FLORENSIA sessions. |
| Current FUNSHION Sessions | Total number of current FUNSHION sessions. |
| Current GUILDWARS Sessions | Total number of current GUILDWARS sessions. |
| Current ISAKMP Sessions | Total number of current ISAKMP sessions. |
| Current MAPLESTORY Sessions | Total number of current MAPLESTORY sessions. |
| Current MGCP Sessions | Total number of current MGCP sessions. |
| Current OCTOSHAPE Sessions | Total number of current OCTOSHAPE sessions. |
| Current OFF Sessions | Total number of current OFF sessions. |
| Current PS3 Sessions | Total number of current PS3 sessions. |
| Current RMSTREAM Sessions | Total number of current RMSTREAM sessions. |
| Current RFACTOR Sessions | Total number of current RFACTOR sessions. |
| Current SPLASHFIGHTER Sessions | Total number of current SPLASHFIGHTER sessions. |

| Field | Description |
|--|---|
| Current SSDP Sessions | Total number of current SSDP sessions. |
| Current STEALTHNET Sessions | Total number of current STEALTHNET sessions. |
| Current STUN Sessions | Total number of current STUN sessions. |
| Current TEAMSPEAK Sessions | Total number of current TEAMSPEAK sessions. |
| Current TOR Sessions | Total number of current TOR sessions. |
| Current VEOHTV Sessions | Total number of current VEOHTV sessions. |
| Current WII Sessions | Total number of current WII sessions. |
| Current WMSTREAM Sessions | Total number of current WMSTREAM sessions. |
| Current WOFKUNGFU Sessions | Total number of current WOFKUNGFU sessions. |
| Current XDCC Sessions | Total number of current XDCC sessions. |
| Current YOURFREEDOM Sessions | Total number of current YOURFREEDOM sessions. |
| Current FACEBOOK Sessions | Total number of current FACEBOOK sessions. |
| Current GAMEKIT Sessions | Total number of current GAMEKIT sessions. |
| Current FACETIME Sessions | Total number of current FACETIME sessions. |
| Current FACETIME Unclassified Sessions | Total number of current FACETIME unclassified sessions. |
| Current FACETIME Audio Sessions | Total number of current FACETIME audio sessions. |
| Current FACETIME Video Sessions | Total number of current FACETIME video sessions. |
| Current GMAIL Sessions | Total number of current GMAIL sessions. |
| Current ITUNES Sessions | Total number of current ITUNES sessions. |
| Current MYSPACE Sessions | Total number of current MYSPACE sessions. |
| Current TEAMVIEWER Sessions | Total number of current TEAMVIEWER sessions. |
| Current TWITTER Sessions | Total number of current TWITTER sessions. |
| Current TWITTER streaming-video Sessions | Total number of current TWITTER streaming-video sessions. |
| Current VIBER Sessions | Total number of current VIBER sessions. |
| Current VIBER Unclassified Sessions | Total number of current VIBER Unclassified sessions. |
| Current VIBER Audio Sessions | Total number of current VIBER Audio sessions. |
| Current VIBER im Sessions | Total number of current VIBER IM sessions. |
| Current VIBER file-transfer Sessions | Total number of current VIBER File-transfer sessions. |

| Field | Description |
|--|---|
| Current ANTSP2P Sessions | Total number of current ANTSP2P sessions. |
| Current IMO Sessions | Total number of current IMO sessions. |
| Current NETMOTION Sessions | Total number of current NETMOTION sessions. |
| Current OGG Sessions | Total number of current OGG sessions. |
| Current OPENVPN Sessions | Total number of current OPENVPN sessions. |
| Current QUICKTIME Sessions | Total number of current QUICKTIME sessions. |
| Current SPOTIFY Sessions | Total number of current SPOTIFY sessions. |
| Current TANGO Sessions | Total number of current TANGO sessions. |
| Current ULTRABAC Sessions | Total number of current ULTRABAC sessions. |
| Current USENET Sessions | Total number of current USENET sessions. |
| Current VOIPTUNNEL Sessions | Total number of current VOIPTUNNEL sessions. |
| Current SCYDO Sessions | Total number of current SCYDO sessions. |
| Current WHATSAPP Sessions | Total number of current WHATSAPP sessions. |
| Current WHATSAPP unclassified Sessions | Total number of current WHATSAPP unclassified sessions. |
| Current WHATSAPP audio Sessions | Total number of current WHATSAPP audio sessions. |
| Current MYPEOPLE Sessions | Total number of current MYPEOPLE sessions. |
| Current RDT Sessions | Total number of current RDT sessions. |
| Current FLASH Sessions | Total number of current FLASH sessions. |
| Current MOJO Sessions | Total number of current MOJO sessions. |
| Current PCANYWHERE Sessions | Total number of current PCANYWHERE sessions. |
| Current WEBEX Sessions | Total number of current WEBEX sessions. |
| Current NETFLIX Sessions | Total number of current NETFLIX sessions. |
| Current IMPLUS Sessions | Total number of current IMPLUS sessions. |
| Current EBUDDY Sessions | Total number of current EBUDDY sessions. |
| Current MSRP Sessions | Total number of current MSRP sessions. |
| Current FICALL Sessions | Total number of current FICALL sessions. |
| Current GOTOMEETING Sessions | Total number of current GOTOMEETING sessions. |
| Current MIG33 Sessions | Total number of current MIG33 sessions. |

| Field | Description |
|--|---|
| Current COMODOUNITE Sessions | Total number of current COMODOUNITE sessions. |
| Current GOOBER Sessions | Total number of current GOOBER sessions. |
| Current IPLAYER Sessions | Total number of current IPLAYER sessions. |
| Current OPERAMINI Sessions | Total number of current OPERAMINI sessions. |
| Current KAKAOTALK Sessions | Total number of current KAKAOTALK sessions. |
| Current KAKAOTALK Audio Sessions | Total number of current KAKAOTALK audio sessions. |
| Current KAKAOTALK Unclassified Sessions | Total number of current KAKAOTALK unclassified sessions. |
| Current NATEONTALK Sessions | Total number of current NATEONTALK sessions. |
| Current NAVERLINE Sessions | Total number of current NAVERLINE sessions. |
| Current AVI Sessions | Total number of current AVI sessions. |
| Current GOOGLEPLAY Sessions | Total number of current GOOGLEPLAY sessions. |
| Current ICLOUD Sessions | Total number of current ICLOUD sessions. |
| Current SORIBADA Sessions | Total number of current SORIBADA sessions. |
| Current WECHAT Sessions | Total number of current WECHAT sessions. |
| Current WUALA Sessions | Total number of current WUALA sessions. |
| Current ACTIONVOIP Sessions | Total number of current ACTIONVOIP sessions. |
| Current ACTIONVOIP unclassified Sessions | Total number of current ACTIONVOIP unclassified sessions. |
| Current ACTIONVOIP audio Sessions | Total number of current ACTIONVOIP audio sessions. |
| Current AMAZONCLOUD Sessions | Total number of current AMAZONCLOUD sessions. |
| Current ICALL Sessions | Total number of current ICALL sessions. |
| Current ICALL unclassified Sessions | Total number of current ICALL unclassified sessions. |
| Current ICALL audio Sessions | Total number of current ICALL audio sessions. |
| Current ICALL video Sessions | Total number of current ICALL video sessions. |
| Current INSTAGRAM Sessions | Total number of current INSTAGRAM sessions. |
| Current JUMBLO Sessions | Total number of current JUMBLO sessions. |
| Current JUMBLO unclassified Sessions | Total number of current JUMBLO unclassified sessions. |
| Current JUMBLO audio Sessions | Total number of current JUMBLO audio sessions. |
| Current KUGOO Sessions | Total number of current KUGOO sessions. |

| Field | Description |
|--|---|
| Current MAGICJACK Sessions | Total number of current MAGICJACK sessions. |
| Current MAGICJACK unclassified Sessions | Total number of current MAGICJACK unclassified sessions. |
| Current MAGICJACK audio Sessions | Total number of current MAGICJACK audio sessions. |
| Current MAPI Sessions | Total number of current MAPI sessions. |
| Current PINTEREST Sessions | Total number of current PINTEREST sessions. |
| Current PLINGM Sessions | Total number of current PLINGM sessions. |
| Current PLINGM unclassified Sessions | Total number of current PLINGM unclassified sessions. |
| Current PLINGM audio Sessions | Total number of current PLINGM audio sessions. |
| Current RYNGA Sessions | Total number of current RYNGA sessions. |
| Current RYNGA unclassified Sessions | Total number of current RYNGA unclassified sessions. |
| Current RYNGA audio Sessions | Total number of current RYNGA audio sessions. |
| Current SMARTVOIP Sessions | Total number of current SMARTVOIP sessions. |
| Current SMARTVOIP unclassified Sessions | Total number of current SMARTVOIP unclassified sessions. |
| Current SMARTVOIP audio Sessions | Total number of current SMARTVOIP audio sessions. |
| Current SPDY Sessions | Total number of current SPDY sessions. |
| Current TALKATONE Sessions | Total number of current TALKATONE sessions. |
| Current TALKATONE unclassified Sessions | Total number of current TALKATONE unclassified sessions. |
| Current TALKATONE audio Sessions | Total number of current TALKATONE audio sessions. |
| Current VOIPDISCOUNT Sessions | Total number of current VOIPDISCOUNT sessions. |
| Current VOIPDISCOUNT unclassified Sessions | Total number of current VOIPDISCOUNT unclassified sessions. |
| Current VOIPDISCOUNT audio Sessions | Total number of current VOIPDISCOUNT audio sessions. |
| Current VOPIUM Sessions | Total number of current VOPIUM sessions. |
| Current VOPIUM unclassified Sessions | Total number of current VOPIUM unclassified sessions. |
| Current VOPIUM audio Sessions | Total number of current VOPIUM audio sessions. |
| Current BEHAVIORAL-P2P Sessions | Total number of current Behavioral-P2P sessions. |
| Current BEHAVIORAL-VOIP Sessions | Total number of current Behavioral-VoIP sessions. |
| Current BEHAVIORAL-UPLOAD Sessions | Total number of current Behavioral-upload sessions. |
| Current BEHAVIORAL-DOWNLOAD Sessions | Total number of current Behavioral-download sessions. |

| Field | Description |
|---|--|
| Current IMESSAGE Sessions | Total number of current IMESSAGE sessions. |
| Current LINKEDIN Sessions | Total number of current LINKEDIN sessions. |
| Current GOOGLE Sessions | Total number of current GOOGLE sessions. |
| Current POCO Sessions | Total number of current POCO sessions. |
| Current ULTRASURF Sessions | Total number of current ULTRASURF sessions. |
| Current SNAPCHAT Sessions | Total number of current SNAPCHAT sessions. |
| Current TRUCCALLER Sessions | Total number of current TRUCCALLER sessions. |
| Current CYBERGHOST Sessions | Total number of current CYBERGHOST sessions. |
| Current GOOGLEPLUS Sessions | Total number of current GOOGLEPLUS sessions. |
| Current ADOBECONNECT Sessions | Total number of current ADOBECONNECT sessions. |
| Current USTREAM Sessions | Total number of current USTREAM sessions. |
| Current SIRI Sessions | Total number of current SIRI sessions. |
| Current SOFTETHER Sessions | Total number of current SOFTETHER sessions. |
| Current SUDAPHONE Sessions | Total number of current SUDAPHONE sessions. |
| Current SVTPLAY Sessions | Total number of current SVTPLAY sessions. |
| Current HYVES Sessions | Total number of current HYVES sessions. |
| Current SILVERLIGHT Sessions | Total number of current SILVERLIGHT sessions. |
| Current BLACKDIALER Sessions | Total number of current BLACKDIALER sessions. |
| Current APPLEMAPS Sessions | Total number of current APPLEMAPS sessions. |
| Current BADOO Sessions | Total number of current BADOO sessions. |
| Current FACEBOOK UNCLASSIFIED Sessions | Total number of current FACEBOOK UNCLASSIFIED sessions. |
| Current FACEBOOK AUDIO Sessions | Total number of current FACEBOOK AUDIO sessions. |
| Current FACEBOOK streaming-video Sessions | Total number of current FACEBOOK streaming-video sessions. |
| Current FOURSQUARE Sessions | Total number of current FOURSQUARE sessions. |
| Current JAP Sessions | Total number of current JAP sessions. |
| Current MONKEY3 Sessions | Total number of current MONKEY3 sessions. |
| Current OUTLOOK Sessions | Total number of current OUTLOOK sessions. |
| Current VINE Sessions | Total number of current VINE sessions. |

| Field | Description |
|--|---|
| Current YAHOOMAIL Sessions | Total number of current YAHOOMAIL sessions. |
| Current BBM Sessions | Total number of current BBM sessions. |
| Current BBM UNCLASSIFIED Sessions | Total number of current BBM UNCLASSIFIED sessions. |
| Current BBM AUDIO Sessions | Total number of current BBM AUDIO sessions. |
| Current BOX Sessions | Total number of current BOX sessions. |
| Current CHIKKA Sessions | Total number of current CHIKKA sessions. |
| Current IMGUR Sessions | Total number of current IMGUR sessions. |
| Current OIST Sessions | Total number of current OIST sessions. |
| Current REGRAM Sessions | Total number of current REGRAM sessions. |
| Current VCHAT Sessions | Total number of current VCHAT sessions. |
| Current bittorent-sync Sessions | Total number of current Bittorrent Sync sessions. |
| Current cisco-jabber unclassified Sessions | Total number of current Cisco Jabber Unclassified sessions. |
| Current cisco-jabber audio Sessions | Total number of current Cisco Jabber Audio sessions. |
| Current cisco-jabber video Sessions | Total number of current Cisco Jabber Video sessions. |
| Current hls Sessions | Total number of current HLS sessions. |
| Current lync Sessions | Total number of current Lync sessions. |
| Current lync unclassified Sessions | Total number of current Lync Unclassified sessions. |
| Current lync audio Sessions | Total number of current Lync Audio sessions. |
| Current lync auvideo Sessions | Total number of current Lync Video sessions. |
| Current lync file-transfer Sessions | Total number of current Lync File-transfer sessions. |
| Current path Sessions | Total number of current Path sessions. |
| Current waze Sessions | Total number of current Waze sessions. |
| Current youku Sessions | Total number of current Youku sessions. |
| Current behavioral-video Sessions | Total number of current Behavioral video sessions. |
| Current apple-store Sessions | Total number of current apple-store sessions. |
| Current blackberry-store Sessions | Total number of current blackberry-store sessions. |
| Current hulu Sessions | Total number of current hulu sessions. |
| Current igo Sessions | Total number of current igo sessions. |

| Field | Description |
|---|--|
| Current mapfactor Sessions | Total number of current mapfactor sessions. |
| Current mozy Sessions | Total number of current mozy sessions. |
| Current navigon Sessions | Total number of current navigon sessions. |
| Current nokia-store Sessions | Total number of current nokia-store sessions. |
| Current opendrive Sessions | Total number of current opendrive sessions. |
| Current samsung-store Sessions | Total number of current samsung-store sessions. |
| Current weibo Sessions | Total number of current weibo sessions. |
| Current windows-azure Sessions | Total number of current windows-azure sessions. |
| Current windows-store Sessions | Total number of current windows-store sessions. |
| Current apple-push Sessions | Total number of current apple-push sessions. |
| Current didi Sessions | Total number of current didi sessions. |
| Current friendster Sessions | Total number of current friendster sessions. |
| Current google-music Sessions | Total number of current google-music sessions. |
| Current google-push Sessions | Total number of current google-push sessions. |
| Current hike-messenger Sessions | Total number of current hike-messenger sessions. |
| Current idrive Sessions | Total number of current idrive sessions. |
| Current kik-messenger Sessions | Total number of current kik-messenger sessions. |
| Current tagged Sessions | Total number of current tagged sessions. |
| Current telegram Sessions | Total number of current telegram sessions. |
| Current xing Sessions | Total number of current xing sessions. |
| Current rhapsody Sessions | Total number of current rhapsody sessions. |
| Current speedtest Sessions | Total number of current speedtest sessions. |
| Current twitch Sessions | Total number of current twitch sessions. |
| Current hbogo Sessions | Total number of current hbogo sessions. |
| Current iheartradio Sessions | Total number of current iheartradio sessions. |
| Current iheartradio unclassified Sessions | Total number of current iheartradio unclassified sessions. |
| Current iheartradio ads Sessions | Total number of current iheartradio ads sessions. |
| Current slacker-radio Sessions | Total number of current slacker-radio sessions. |

| Field | Description |
|---|--|
| Current slacker-radio unclassified Sessions | Total number of current slacker-radio unclassified sessions. |
| Current slacker-radio ads Sessions | Total number of current slacker-radio ads sessions. |
| Current upc-phone Sessions | Total number of current upc-phone sessions. |
| Current upc-phone unclassified Sessions | Total number of current upc-phone unclassified sessions. |
| Current upc-phone audio Sessions | Total number of current upc-phone audio sessions. |
| Current radio-paradise Sessions | Total number of current radio-paradise sessions. |
| Current beatport Sessions | Total number of current beatport sessions. |
| Current soundcloud Sessions | Total number of current soundcloud sessions. |
| Current amazonmusic Sessions | Total number of current amazonmusic sessions. |
| Current ssl Sessions | Total number of current ssl sessions. |
| Current slingtv Sessions | Total number of current slingtv sessions. |
| Current vessel Sessions | Total number of current vessel sessions. |
| Current Vudu Sessions | Total number of current vudu sessions. |
| Current go90 Sessions | Total number of current go90 sessions. |
| Current Espn Sessions | Total number of current espn sessions. |
| Current Hbonow Sessions | Total number of current hbonow sessions. |
| Current Crackle Sessions | Total number of current crackle sessions. |

show active-charging subscribers full all

Table 85: show active-charging subscribers full all Command Output Descriptions

| Field | Description |
|-------------------------------------|--|
| Callid | The unique call identifier value. |
| ACSMgr Card/Cpu | Total number of ACS Manager Card/CPU. |
| Active Charging Service name | Name of the Active Charging Service. |
| Active Charging Service Scheme name | Name of the Active Charging service-scheme selected for the particular subscriber. |
| ACSMgr Instance | Total instances of ACS Manager. |
| Number of Sub sessions | Total number of sub-sessions. |

| Field | Description |
|---|---|
| Data Sessions Active | Total number of active data sessions. |
| Dynamic Routes created | Total number of dynamic routes created. |
| Uplink Bytes | Total number of uplink bytes. |
| Downlink Bytes | Total number of downlink bytes. |
| Uplink Packets | Total number of uplink packets. |
| Downlink Packets | Total number of downlink packets. |
| Accel Packets | Total number of accelerated packets. |
| FastPath Packets | Total number of data packets processed in fastpath. |
| Total NRSPCA Requests | Total number of Network Requested Secondary PDP Context Activation (NRSPCA) Requests. |
| NRSPCA Req. Succeeded | Total number of NRSPCA requests succeeded. |
| NRSPCA Req. Failed | Total number of NRSPCA requests failed. |
| Total NRUPC Requests | Total number of Network Requested Update PDP Context (NRUPC) requests. |
| NRUPC Req. Succeeded | Total number of NRUPC requests succeeded. |
| NRUPC Req. Failed | Total number of NRUPC requests failed. |
| Pending NRSPCA Requests | Total number of pending NRSPCA requests. |
| Pending NRUPC Requests | Total number of pending NRUPC requests. |
| Total Bound Dynamic Rules | Total number of bound dynamic rules. |
| Total Bound Predef. Rules | Total number of bound predefined rules. |
| Data Sessions moved | Total number of data sessions moved. |
| Bearers Terminated for no rules | Total number of bearers terminated for no rules. |
| Failed Rulebase Install (unknown bearer-id) | Total number of failed Rulebase installation with failure code —Unknown Bearer ID. |
| Failed Rule Install (unknown bearer-id) | Total number of failed Rule installation with failure code —Unknown Bearer ID. |
| TCP Proxy: | |
| TCP Proxy Flows Requests | Total number of TCP Proxy flow requests. |
| TCP Proxy Flows Request Success | Total number of successful TCP Proxy flow requests. |
| Disable TCP Proxy Flows Requests | Total number of TCP Proxy flow requests disabled. |

| Field | Description |
|-----------------------------------|---|
| Disable TCP Proxy Flows Success | Total number of successful TCP Proxy flow requests disabled. |
| Current TCP Proxy Flows | Total number of current TCP Proxy flows for the session. |
| Total TCP Proxy Flows | Total number of TCP Proxy flows for the session. |
| TCP-proxy reset for non-SYN flows | Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. |
| Current Flows: | |
| Current IP Flows | Total number of current IP flows. |
| Current ICMP Flows | Total number of current ICMP flows. |
| Current IPv6 Flows | Total number of current IPv6 flows. |
| Current ICMPv6 Flows | Total number of current ICMPv6 flows. |
| Current TCP Flows | Total number of current TCP flows. |
| Current UDP Flows | Total number of current UDP flows. |
| Current HTTP Flows | Total number of current HTTP flows. |
| Current HTTPS Flows | Total number of current HTTPS flows. |
| Current FTP Flows | Total number of current FTP flows. |
| Current POP3 Flows | Total number of current POP3 flows. |
| Current SMTP Flows | Total number of current SMTP flows. |
| Current SIP Flows | Total number of current SIP flows. |
| Current RTSP Flows | Total number of current RTSP flows. |
| Current RTP Flows | Total number of current RTP flows. |
| Current RTCP Flows | Total number of current RTCP flows. |
| Current IMAP Flows | Total number of current IMAP flows. |
| Current WSP-CO Flows | Total number of current WSP-CO flows. |
| Current WSP-CL Flows | Total number of current WSP-CL flows. |
| Current MMS Flows | Total number of current MMS flows. |
| Current DNS Flows | Total number of current DNS flows. |
| Current PPTP-GRE Flows | Total number of current PPTP-GRE flows. |
| Current PPTP Flows | Total number of current PPTP flows. |

| Field | Description |
|---|---|
| Current P2P Flows | Total number of current P2P flows. |
| Current H323 Flows | Total number of current H323 flows. |
| Current TFTP Flows | Total number of current TFTP flows. |
| Current UNKNOWN Flows | Total number of current UNKNOWN flows. |
| IPNE | Name of the associated IPNE service. |
| Flow Information | |
| Subscriptions | Total number of subscriptions. |
| Disabled Notifications | Total number of disabled notifications. |
| NBR Information | |
| Subscriptions | Total number of NBR subscriptions. |
| Disabled Notifications | Total number of disabled notifications for NBR. |
| Usage Information | |
| Notifications | Total number of notifications. |
| UL Bytes Last Reported | Total number of Last Reported uplink bytes. |
| DL Bytes Last Reported | Total number of Last Reported uplink bytes. |
| Packets dropped due to no NAT Port/IP | Total number of packets dropped due to no NAT Port/IP. |
| Packets dropped since Last EDR trigger | Total number of packets dropped since the last EDR trigger. |
| Total packets dropped | Total number of packets dropped. |
| Radio-Congestion Subscriber Full Stats | |
| Last Reported Congestion Level | Indicates the last reported congestion level. |
| Total Flows Analyzed | Total number of flows analyzed. |
| Total Flows Eligible for Correlation | Total number of flows eligible for correlation. |
| Radio-Congestion Session Last Reported Stats | |
| Total Flows Analyzed | Total number of flows analyzed. |
| Total Flows Eligible for Correlation | Total number of flows eligible for correlation. |
| Total Flows with Congestion Level | Total number of flows with congestion level. |
| no Congestion | Total number of flows with no congestion. |
| low Congestion | Total number of flows with low congestion. |

| Field | Description |
|---|---|
| medium Congestion | Total number of flows with medium congestion. |
| high Congestion | Total number of flows with high congestion. |
| extreme Congestion | Total number of flows with extreme congestion. |
| P2P Plugin Version | Displays the P2P Plugin version. |
| FW-and-NAT Policy | The Stateful Firewall-and-NAT policy name. |
| FW-and-NAT Policy ID | The Stateful Firewall-and-NAT policy identifier. |
| Firewall Policy IPv4 | Indicates whether Stateful Firewall IPv4 processing is required for subscriber. |
| Firewall Policy IPv6 | Indicates whether Stateful Firewall IPv6 processing is required for subscriber. |
| NAT Policy NAT44 | Indicates whether NAT44 is enabled or disabled for the subscriber. |
| NAT Policy NAT64 | Indicates whether NAT64 is enabled or disabled for the subscriber. |
| Bypass NAT Flow Present | Indicates whether bypass NAT flow is present or not. |
| No Firewall ruledef(s) match the specified criteria | Stateful Firewall ruledef(s) matching the specified criteria. |
| No Default Firewall ruledef(s) match the specified criteria | Default Stateful Firewall ruledef(s) matching the specified criteria. |
| Predefined Firewall Rules Enabled List | List of enabled predefined Firewall rules. |
| Local-policy RAI/TAI Rules Active List | Displays the list of local-policy rules for RAI/TAI that are currently activated for the subscriber. |
| Total acs subscribers matching specified criteria | Total number of ACS subscribers matching the specified criteria. |
| UIDH received from Server | Specifies the total number of UIDH requests received from the server. |
| Total UIDH Insertions | Specifies the total number of UIDH insertions. |
| Override Control | |
| Charging Parameters | |
| Online Response Required | Specifies that Online Response Required AVP is activated in the Gx Interface at charging level or Override level with an option to WAIT to DONT_WAIT. |
| VPP Offload Statistics: | |
| Total Flows | Total number of flows. |
| Current Active Flows | Total number of active current flows. |
| IPv4: | |

| Field | Description |
|------------------------|--|
| Uplink Pkts | Total number of IPv4 packets uplinked. |
| Uplink Bytes | Total number of IPv4 bytes uplinked. |
| Downlink Pkts | Total number of IPv4 packets downlinked. |
| Downlink Bytes | Total number of IPv4 bytes downlinked. |
| Dropped Uplink Pkts | Total number of IPv4 uplink packets discarded. |
| Dropped Uplink Bytes | Total number of IPv4 uplink bytes discarded. |
| Dropped Downlink Pkts | Total number of IPv4 downlink packets discarded. |
| Dropped Downlink Bytes | Total number of IPv4 downlink bytes discarded. |
| IPv6: | |
| Uplink Pkts | Total number of IPv6 packets uplinked. |
| Uplink Bytes | Total number of IPv6 bytes uplinked. |
| Downlink Pkts | Total number of IPv6 packets downlinked. |
| Downlink Bytes | Total number of IPv6 bytes downlinked. |
| Dropped Uplink Pkts | Total number of IPv6 uplink packets discarded. |
| Dropped Uplink Bytes | Total number of IPv6 uplink bytes discarded. |
| Dropped Downlink Pkts | Total number of IPv6 downlink packets discarded. |
| Dropped Downlink Bytes | Total number of IPv6 downlink bytes discarded. |

show active-charging subsystem all

Table 86: show active-charging subsystem all Command Output Descriptions

| Field | Description |
|-----------------------|---|
| Total ACS Managers | Total number of Active Charging Service managers running on the system. |
| Session Creation Succ | Total number of sessions created successfully. |
| Session Creation Fail | Total number of session creation failures. |
| Total subscribers | Total number of subscribers configured on system. |
| Current subscribers | Total number of subscriber active on system. |

| Field | Description |
|-------------------------------|---|
| Total CF subscribers | Total number of Content Filtering subscribers configured on the system. |
| Current CF subscribers | Total number of Content Filtering subscribers active on the system. |
| Total Flows Connected | Total number of IPv4 and IPv6 flows connected. |
| Total IPv4 Flows Connected | Total number of IPv4 flows connected. |
| Total IPv6 Flows Connected | Total number of IPv6 flows connected. |
| Total Flows Disconnected | Total number of IPv4 and IPv6 flows disconnected. |
| Total IPv4 Flows Disconnected | Total number of IPv4 flows disconnected. |
| Total IPv6 Flows Disconnected | Total number of IPv6 flows disconnected. |
| Total Uplink Pkts | Total number of IPv4 and IPv6 packets uplinked. |
| Total IPv4 Uplink Pkts | Total number of IPv4 packets uplinked. |
| Total IPv6 Uplink Pkts | Total number of IPv6 packets uplinked. |
| Total Uplink Bytes | Total number of IPv4 and IPv6 bytes uplinked. |
| Total IPv4 Uplink Bytes | Total number of IPv4 bytes uplinked. |
| Total IPv6 Uplink Bytes | Total number of IPv6 bytes uplinked. |
| Total Downlink Pkts | Total number of IPv4 and IPv6 packets downlinked. |
| Total IPv4 Downlink Pkts | Total number of IPv4 packets downlinked. |
| Total IPv6 Downlink Pkts | Total number of IPv6 packets downlinked. |
| Total Downlink Bytes | Total number of IPv4 and IPv6 bytes downlinked. |
| Total IPv4 Downlink Bytes | Total number of IPv4 bytes downlinked. |
| Total IPv6 Downlink Bytes | Total number of IPv6 bytes downlinked. |
| Total ICMP flows | Total number of ICMP flows. |
| Total ICMPv4 flows | Total number of ICMPv4 flows. |
| Total ICMPv6 flows | Total number of ICMPv6 flows. |
| Current ICMP flows | Total number of current ICMP flows. |
| Current ICMPv4 flows | Total number of current ICMPv4 flows. |
| Current ICMPv6 flows | Total number of current ICMPv6 flows. |
| Total TCP flows | Total number of TCP flows. |

| Field | Description |
|-----------------------------|---|
| Total TCP over IPv4 flows | Total number of TCP IPv4 flows. |
| Total TCP over IPv6 flows | Total number of TCP IPv6 flows. |
| Current TCP flows | Total number of current TCP flows. |
| Current TCP over IPv4 flows | Total number of current TCP IPv4 flows. |
| Current TCP over IPv6 flows | Total number of current TCP IPv6 flows. |
| Total UDP flows | Total number of UDP flows. |
| Total UDP over IPv4 flows | Total number of UDP IPv4 flows. |
| Total UDP over IPv6 flows | Total number of UDP IPv6 flows. |
| Current UDP flows | Total number of current UDP flows. |
| Current UDP over IPv4 flows | Total number of current UDP IPv4 flows. |
| Current UDP over IPv6 flows | Total number of current UDP IPv6 flows. |
| Total DNS flows | Total number of DNS flows. |
| Current DNS flows | Total number of current DNS flows. |
| Total FTP flows | Total number of FTP flows. |
| Current FTP flows | Total number of current FTP flows. |
| Total HTTP flows | Total number of HTTP flows. |
| Current HTTP flows | Total number of current HTTP flows. |
| Total HTTPS flows | Total number of HTTPS flows. |
| Current HTTPS flows | Total number of current HTTPS flows. |
| Total POP3 flows | Total number of POP3 flows. |
| Current POP3 flows | Total number of current POP3 flows. |
| Total SMTP flows | Total number of SMTP flows. |
| Current SMTP flows | Total number of current SMTP flows. |
| Total SIP flows | Total number of SIP flows. |
| Current SIP flows | Total number of current SIP flows. |
| Total RTSP flows | Total number of RTSP flows. |
| Current RTSP flows | Total number of current RTSP flows. |
| Total RTP flows | Total number of RTP flows. |

| Field | Description |
|---------------------------|--|
| Current RTP flows | Total number of current RTP flows. |
| Total RTCP flows | Total number of RTCP flows. |
| Current RTCP flows | Total number of current RTCP flows. |
| Total IMAP flows | Total number of IMAP flows. |
| Current IMAP flows | Total number of current IMAP flows. |
| Total WSP-CO flows | Total number of WSP-CO flows. |
| Current WSP-CO flows | Total number of current WSP-CO flows. |
| Total WSP-CL flows | Total number of WSP-CL flows. |
| Current WSP-CL flows | Total number of current WSP-CL flows. |
| Total MMS flows | Total number of MMS flows. |
| Current MMS flows | Total number of current MMS flows. |
| Total TFTP flows | Total number of TFTP flows. |
| Current TFTP flows | Total number of current TFTP flows. |
| Total PPTP flows | Total number of PPTP flows. |
| Current PPTP flows | Total number of current PPTP flows. |
| Total PPTP-GRE flows | Total number of PPTP-GRE flows. |
| Current PPTP-GRE flows | Total number of current PPTP-GRE flows. |
| Total H323 flows | Total number of H323 flows. |
| Current H323 flows | Total number of current H323 flows. |
| Total MIPv6 flows | Total number of MIPv6 flows. |
| Current MIPv6 flows | Total number of current MIPv6 flows. |
| Total video flows paced | Total number of TCP video flows paced. |
| Current video flows paced | Total number of current TCP video flows paced. |
| Total Rule-Hits | Total number of rule hits. |
| Total Readdr flows | Total number of re-addressed flows. |
| Current Readdr flows | Total number of current re-addressed flows. |
| Total Fastpath flows | Total number of data flows that support fastpath. |
| Total Fastpath pkts | Total number of data packets that have been processed in fastpath. |

| Field | Description |
|---|---|
| Total Fastpath NAT pkts | Total number of fastpath packets in which NAT was applied. |
| Total Fastpath Firewall pkts | Total number of packets processed by Firewall in fast path. |
| Total Fastpath Bypass NAT pkts | Total number of NAT bypass packets processed in fast path. |
| Total Fastpath failures | Total number of packet errors detected during fastpath processing. |
| Last Fastpath Failure | ASCII output indicating the reason the last data flow failed to meet fastpath eligibility requirements. |
| Readdressing Failure Statistics (Packets): | |
| Non SYS Flow | The number of packets failed due to non SYS flow. |
| Duplicate Key | The number of packets failed due to duplicate keys. |
| Dropped Pkts | The number of packets failed due to dropped packets. |
| Total Throttle-Suppressed flows | Total number of flows for which bandwidth limiting is suppressed. |
| Current Throttle-Suppressed flows | Current number of flows for which bandwidth limiting is suppressed. |
| Total P2P Subscribers | Total number of P2P subscribers. |
| Total Firewall Subscribers | Total number of Firewall subscribers. NOTE: This statistic is obsolete in 11.0 and later releases. |
| Total NAT Subscribers | Total number of Network Address Translation subscribers. NOTE: This statistic is obsolete in 11.0 and later releases. |
| Total Blacklisted URL hits | Total number of Blacklisted URL hits. |
| Total Blacklisted URL misses | Total number of Blacklisted URL misses. |
| Total URLs Outstanding for Rating (SRDB) | Total number of URLs outstanding for Static Rating Database rating. |
| Firewall/NAT Subscribers: | |
| Firewall IPv4 Enabled | The total and the active number of subscribers with IPv4 Firewall enabled. |
| Firewall IPv6 Enabled | The total and the active number of subscribers with IPv6 Firewall enabled. |
| NAT44 Enabled | The total and the active number of subscribers with NAT44 enabled. |
| NAT64 Enabled | The total and the active number of subscribers with NAT64 enabled. |

| Field | Description |
|-------------------------------|---|
| NAT Enabled | The total and the active number of subscribers with NAT enabled. NOTE: This statistic is available only from releases 11.0 to 12.1. |
| IPv4-PDN-NAT Enabled | The total and the active number of IPv4 PDN subscribers with NAT44 enabled. |
| IPv6-PDN-NAT Enabled | The total and the active number of IPv6 PDN subscribers with NAT64 enabled. |
| IPv4v6-PDN-NAT Enabled | The total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both NAT44 and NAT64 enabled. |
| IPv4-PDN with NAT IP | The total and the active number of IPv4 PDN subscribers with NAT44 enabled and using at least one NAT IP. |
| IPv6-PDN with NAT IP | The total and the active number of IPv6 PDN subscribers with NAT64 enabled and using at least one NAT IP. |
| IPv4v6-PDN with NAT IP | The total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both, and using at least one NAT IP. |
| Firewall and NAT Enabled | The total and the active number of subscribers with IPv4 or IPv6 Firewall and NAT enabled. |
| NAT flows processed | The total and active number of NAT44 and NAT64 flows processed. |
| NAT44 flows processed | The total and active number of NAT44 flows processed. |
| NAT44 N-1 flows processed | The total and active number of NAT44 N-1 flows processed. |
| NAT44 1-1 flows processed | The total and active number of NAT44 1-1 flows processed. |
| NAT64 flows processed | The total and active number of NAT64 flows processed. |
| NAT64 N-1 flows processed | The total and active number of NAT64 N-1 flows processed. |
| NAT64 1-1 flows processed | The total and active number of NAT64 1-1 flows processed. |
| NAT44 bypass flows | The total and active number of NAT44 bypass flows. |
| NAT64 bypass flows | The total and active number of NAT64 bypass flows. |
| NAT flow-mappings | The total and active number of NAT flow mappings. |
| NAT Packet Statistics: | |
| Total NAT Bypass packets | The total and active number of NAT bypass packets. |
| Total NAT44 Bypass packets | The total and active number of NAT44 bypass packets. |

| Field | Description |
|--|---|
| Total NAT64 Bypass packets | The total and active number of NAT64 bypass packets. |
| Total NAT packets | The total and active number of NAT packets. |
| Total NAT44 packets | The total and active number of NAT44 packets. |
| Total NAT64 packets | The total and active number of NAT64 packets. |
| SIP ALG Calls: | |
| Total SIP ALG calls | Total number of active SIP calls processed by SIP ALG. |
| Current SIP ALG calls | Current number of active SIP calls processed by SIP ALG. |
| Total UDP SIP ALG calls | Total number of SIP UDP calls processed by SIP ALG. |
| Current UDP SIP ALG calls | Current number of SIP UDP calls processed by SIP ALG. |
| Total TCP SIP ALG calls | Total number of SIP TCP calls processed by SIP ALG. |
| Current TCP SIP ALG calls | Current number of SIP TCP calls processed by SIP ALG. |
| Total Number of Unsolicited Downlink packets received | The total number of unsolicited downlink packets received. |
| Total Number of ICMP-HU packets sent | The total number of ICMP-HU packets sent. |
| Fair Usage Statistics: | |
| CPU Credits (used/max) | Number of CPU credits used and maximum number of CPU credits. |
| Dynamic Transrating Statistics: | |
| Flows being Transrated | The number of flows being transrated. |
| Transrating Rejected Due to Lack of Session Mgr Resources: | The number of transrating rejects due to lack of session mgr resources. |
| Total Accepted Flows: | The total number of accepted flows. |
| Total Supported Flows: | The total number of supported flows. |
| Total Sh263 flv: | The total number of Sh263 flv flows. |
| Total H264 flv: | The total number of H264 flv flows. |
| Total H264 mp4: | The total number of H264 mp4 flows. |
| Total Not Suported Flows: | The total number of non supported flows. |
| Total Active Flows: | The total number of active flows. |
| Total Active sh263: | The total number of active sh263 flows. |
| Total Active h264 | The total number of active h264 flows. |

| Field | Description |
|--|---|
| Total Inactive Flows: | The total number of inactive flows. |
| Total Inactive sh263: | The total number of inactive sh263 flows. |
| Total Inactive h264 | The total number of inactive h264 flows. |
| Total Transrated Flows: | The total number of transrated flows |
| Total Transrated sh263 flv: | The total number of transrated sh263 .flv flows |
| Total Transrated h264 flv: | The total number of transrated h264 .flv flows |
| Total Transrated h264 mp4: | The total number of transrated h264 .mp4 flows |
| Total Never Transrated flows: | The total number of never transrated flows |
| Total Never Transrated Due To No Resource: | The total number of never transrated flows due to no resource |
| Total Never Transrated Due To No Congestion: | The total number of never transrated flows due to no congestion |
| RADIUS Prepaid Statistics | Indicates the group of statistics for RADIUS prepaid session. |
| Total prepaid sess | Total number of active/dormant/inactive prepaid sessions. |
| Current prepaid sess | Total number of prepaid sessions currently active. |
| Total prepaid auth req | Total number of AAA authorization requests for prepaid sessions. |
| Total prepaid auth success | Total number of successful AAA authorization for prepaid sessions. |
| Total prepaid auth fail | Total number of failed AAA authorization for prepaid sessions. |
| Total prepaid errors | Total number of errors occurred in prepaid sessions. |
| Content Filtering URL Cache Statistics | Indicates URL caching statistics for Content Filtering. |
| Total cached entries | Total number of cached entries in memory. |
| Total hits | Total number of attempts to access URLs which are cached in memory with rating. |
| Total misses | Total number of attempts failed to access URLs which are cached in memory with rating. |
| Total has-path hits | Total number of attempts to access URLs which are cached in memory with rating with specified path. |
| Total flushes | Total number of flushing of URL cache to clear memory with stale URL list and rating. |
| Total Cache size | Total cache size adding maximum cache size for all volume provided for URLs caching. |

| Field | Description |
|---|--|
| Percentage Full | Indicates the percentage of memory used out of allocated space for URL caching. |
| Charging-Update Statistics | |
| Total Charging Updates Received | Total number of charging updates received |
| Total Charging Updates Active | Total number of charging updates that are active |
| Total Sessions with Charging-Updates Received | Total number of sessions with charging updates received |
| Total Sessions with Charging-Updates Active | Total number of sessions with charging updates active |
| Total Sessions with Charging-Updates Enforced | Total number of sessions with charging updates enforced |
| BW Limit Drop Upl Pkts | Total number of uplink packets dropped due to bearer bandwidth limiting. |
| BW Limit Drop Dnl Pkts | Total number of downlink packets dropped due to bearer bandwidth limiting. |
| BW Limit Drop Upl Bytes | Total number of uplink bytes dropped due to bearer bandwidth limiting. |
| BW Limit Drop Dnl Bytes | Total number of downlink bytes dropped due to bearer bandwidth limiting. |
| BW Limit Mark Upl Pkts | Total number of uplink packets marked due to bearer bandwidth limiting. |
| BW Limit Mark Dnl Pkts | Total number of downlink packets marked due to bearer bandwidth limiting. |
| CC Dropped Uplink Packets | Total number of packets dropped by credit control in uplink direction at a system level. |
| CC Dropped Uplink Bytes | Total number of bytes dropped by credit control in uplink direction at a system level |
| CC Dropped Downlink Packets | Total number of packets dropped by credit control in downlink direction at a system level. |
| CC Dropped Downlink Bytes | Total number of bytes dropped by credit control in downlink direction at a system level. |
| FlowStatus Readdress Upl Bytes | |
| FlowStatus Readdress Dnl Bytes | |
| FlowStatus Term Sess Upl Pkts | |
| FlowStatus Term Sess Dnl Pkts | |
| FlowStatus Term Flow Upl Pkts | |

| Field | Description |
|---|--|
| FlowStatus Term Flow Dnl Pkts | |
| FlowStatus Term Flow Upl Bytes | |
| FlowStatus Term Flow Dnl Bytes | |
| FlowStatus Readdress Upl | |
| FlowStatus Readdress Dnl Pkts | |
| FlowStatus Readdress Upl Bytes | |
| FlowStatus Readdress Dnl Bytes | |
| Total Control Pkts | Total number of control packets received. |
| Total Control Pkts Tx | Total number of control packets transmitted.. |
| PCP Service Statistics: | |
| Important The PCP Service statistics are customer specific. For more information, contact your Cisco account representative. | |
| Total PCP Subscribers | Total number of PCP enabled subscribers. |
| Current PCP Subscribers | Current number of PCP enabled subscribers. |
| IPv4 | |
| Total PCP Requests | Total number of request packets received for the PCP service. |
| Total PCP Responses | Total number of PCP Responses sent by the PCP service. |
| Total Unknown Requests | Total number of PCP Responses sent by the PCP service for unknown PCP Requests. |
| Total Invalid Requests | Total number of PCP Responses sent by the PCP service for invalid PCP Requests. |
| Opcode Statistics | |
| Total Requests | Total number of PCP MAP/PEER/ANNOUNCE requests received for the PCP service. |
| Valid Requests | Total number of valid PCP MAP/PEER/ANNOUNCE requests received for the PCP service. |
| Invalid Requests | Total number of invalid PCP MAP/PEER/ANNOUNCE requests received for the PCP service. |
| Total Responses | Total number of PCP MAP/PEER/ANNOUNCE responses sent by the PCP service. |
| Success Responses | Total number of successful PCP MAP/PEER/ANNOUNCE responses sent for the PCP service. |

| Field | Description |
|------------------------|--|
| Error Responses | Total number of error PCP MAP/PEER/ANNOUNCE responses sent by the PCP service. |
| Data statistics | Statistics of data flow. |
| Receive Pkts | Total number of packets received in different size based frequency |
| Transmit pkts | Total number of packets transmitted in different size based frequency |
| User Data statistics | Indicates the group of statistics of user data traffic. |
| Data octets from User | Total number of bytes originated from user. |
| Data packets from User | Total number of data packets originated from user. |
| Data octets to User | Total number of bytes sent to user. |
| Data packets to User | Total number of data packets sent to user. |

show active-charging subscribers callid override-control

The output of this command includes the following fields:

Override Control:

- Extended MBR UL—This AVP defines the maximum bit rate in kbps that is allowed for the uplink direction.
- Extended MBR DL—This AVP defines the maximum bit rate in kbps that is allowed for the downlink direction .
- Extended GBR UL—This AVP defines the guaranteed bit rate in kbps that is allowed for Uplink direction. This AVP is included only for rules on dedicated bearers.
- Extended GBR DL—This AVP defines the guaranteed bit rate in kbps that is allowed for downlink direction. This AVP is included only for rules on dedicated bearers.

show active-charging subsystem facility acsmgr instance

Table 87: show active-charging subsystem facility acsmgr instance Command Output Descriptions

| Field | Description |
|-----------------------|--|
| ACSMgr Instance | The ACS Manager instance. |
| Card/CPU | The card and CPU ID. |
| Session Creation Succ | Total number of sessions created successfully. |

| Field | Description |
|--------------------------|---|
| Session Creation Fail | Total number of session creation failures. |
| Total subscribers | Total number of subscribers configured on system. |
| Current subscribers | Total number of subscriber active on system. |
| Total CF subscribers | Total number of Content Filtering subscribers configured on the system. |
| Current CF subscribers | Total number of Content Filtering subscribers active on the system. |
| Total Flows Connected | Total number of flows connected. |
| Total Flows Disconnected | Total number of flows disconnected. |
| Total Uplink Pkts | Total number of packets uplinked. |
| Total Uplink Bytes | Total number of bytes uplinked. |
| Total Downlink Pkts | Total number of packets downlinked. |
| Total Downlink Bytes | Total number of bytes downlinked. |
| Total ICMP flows | Total number of ICMP flows. |
| Current ICMP flows | Total number of current ICMP flows. |
| Total ICMPv6 flows | Total number of ICMPv6 flows. |
| Current ICMPv6 flows | Total number of current ICMPv6 flows. |
| Total TCP flows | Total number of TCP flows. |
| Current TCP flows | Total number of current TCP flows. |
| Total UDP flows | Total number of UDP flows. |
| Current UDP flows | Total number of current UDP flows. |
| Total DNS flows | Total number of DNS flows. |
| Current DNS flows | Total number of current DNS flows. |
| Total FTP flows | Total number of FTP flows. |
| Current FTP flows | Total number of current FTP flows. |
| Total HTTP flows | Total number of HTTP flows. |
| Current HTTP flows | Total number of current HTTP flows. |
| Total HTTPS flows | Total number of HTTPS flows. |
| Current HTTPS flows | Total number of current HTTPS flows. |

| Field | Description |
|------------------------|---|
| Total POP3 flows | Total number of POP3 flows. |
| Current POP3 flows | Total number of current POP3 flows. |
| Total SMTP flows | Total number of SMTP flows. |
| Current SMTP flows | Total number of current SMTP flows. |
| Total SIP flows | Total number of SIP flows. |
| Current SIP flows | Total number of current SIP flows. |
| Total RTSP flows | Total number of RTSP flows. |
| Current RTSP flows | Total number of current RTSP flows. |
| Total RTP flows | Total number of RTP flows. |
| Current RTP flows | Total number of current RTP flows. |
| Total RTCP flows | Total number of RTCP flows. |
| Current RTCP flows | Total number of current RTCP flows. |
| Total IMAP flows | Total number of IMAP flows. |
| Current IMAP flows | Total number of current IMAP flows. |
| Total WSP-CO flows | Total number of WSP-CO flows. |
| Current WSP-CO flows | Total number of current WSP-CO flows. |
| Total WSP-CL flows | Total number of WSP-CL flows. |
| Current WSP-CL flows | Total number of current WSP-CL flows. |
| Total MMS flows | Total number of MMS flows. |
| Current MMS flows | Total number of current MMS flows. |
| Total TFTP flows | Total number of TFTP flows. |
| Current TFTP flows | Total number of current TFTP flows. |
| Total PPTP flows | Total number of PPTP flows. |
| Current PPTP flows | Total number of current PPTP flows. |
| Total PPTP-GRE flows | Total number of PPTP-GRE flows. |
| Current PPTP-GRE flows | Total number of current PPTP-GRE flows. |
| Total H323 flows | Total number of H323 flows. |
| Current H323 flows | Total number of current H323 flows. |

| Field | Description |
|--|--|
| Total P2P flows | Total number of P2P flows. |
| Current P2P flows | Total number of current P2P flows. |
| Total Rule-Hits | Total number of rule hits. |
| Blacklisted URL hits | The number of Blacklisted URL hits. |
| Blacklisted URL misses | The number of Blacklisted URL misses. |
| Total URLs Outstanding for Rating (SRDB) | Total number of URLs outstanding for Static Rating Database rating. |
| Total Fastpath Firewall pkts | Total number of packets processed by Firewall in fast path. |
| Total Fastpath Bypass NAT pkts | Total number of NAT bypass packets processed in fast path. |
| Firewall/NAT Subscribers: | |
| Firewall IPv4 Enabled | Displays the total and the active number of subscribers with IPv4 Firewall enabled. |
| Firewall IPv6 Enabled | Displays the total and the active number of subscribers with IPv6 Firewall enabled. |
| NAT44 Enabled | Displays the total and the active number of subscribers with NAT44 enabled. |
| NAT64 Enabled | Displays the total and the active number of subscribers with NAT64 enabled. |
| IPv4-PDN-NAT Enabled | Displays the total and the active number of IPv4 PDN subscribers with NAT44 enabled. |
| IPv6-PDN-NAT Enabled | Displays the total and the active number of IPv6 PDN subscribers with NAT64 enabled. |
| IPv4v6-PDN-NAT Enabled | Displays the total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both NAT44 and NAT64 enabled. |
| IPv4-PDN with NAT IP | Displays the total and the active number of IPv4 PDN subscribers with NAT44 enabled and using at least one NAT IP. |
| IPv6-PDN with NAT IP | Displays the total and the active number of IPv6 PDN subscribers with NAT64 enabled and using at least one NAT IP. |
| IPv4v6-PDN with NAT IP | Displays the total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both, and using at least one NAT IP. |
| Firewall and NAT Enabled | Displays the total and the active number of subscribers with IPv4 or IPv6 Firewall and NAT enabled. |

| Field | Description |
|--|---|
| NAT flows processed | Displays the total and active number of NAT44 and NAT64 flows processed. |
| NAT44 flows processed | Displays the total and active number of NAT44 flows processed. |
| NAT44 N-1 flows processed | Displays the total and active number of NAT44 N-1 flows processed. |
| NAT44 1-1 flows processed | Displays the total and active number of NAT44 1-1 flows processed. |
| NAT64 flows processed | Displays the total and active number of NAT64 flows processed. |
| NAT64 N-1 flows processed | Displays the total and active number of NAT64 N-1 flows processed. |
| NAT64 1-1 flows processed | Displays the total and active number of NAT64 1-1 flows processed. |
| NAT44 bypass flows | Displays the total and active number of NAT44 bypass flows. |
| NAT64 bypass flows | Displays the total and active number of NAT64 bypass flows. |
| RADIUS Prepaid Statistics: Indicates the group of statistics for RADIUS prepaid session. | |
| Total prepaid sess | Total number of active/dormant/inactive prepaid sessions. |
| Current prepaid sess | Total number of prepaid sessions currently active. |
| Total prepaid auth req | Total number of AAA authorization requests for prepaid sessions. |
| Total prepaid auth success | Total number of successful AAA authorization for prepaid sessions. |
| Total prepaid auth fail | Total number of failed AAA authorization for prepaid sessions. |
| Total prepaid errors | Total number of errors occurred in prepaid sessions. |
| Max flows per-session Statistics: Indicates the group of statistics for the maximum number of simultaneous flows seen per session. | |
| Max Flows seen | The maximum number of simultaneous flows seen by the instance on a session. |
| IMSI | Indicates the International Mobile Subscriber Identity (IMSI). |
| Max Flows seen at | Lists the date and time at which the flows were seen. |
| Content Filtering Policy <policy> for Service <service> Matched | |
| Content Filtering URL Cache Statistics | Indicates the group of statistics of URL caching for content filtering service. |

| Field | Description |
|----------------------------------|--|
| Total cached entries | Total number of cached entries in memory. |
| Total hits | Total number of attempts to access URLs which are cached in memory with rating. |
| Total misses | Total number of attempts failed to access URLs which are cached in memory with rating. |
| Total has-path hits | Total number of attempts to access URLs which are cached in memory with rating with specified path. |
| Total flushes | Total number of flushing of URL cache to clear memory with stale URL list and rating. |
| Total Cache size (all volumes) | Total cache size adding maximum cache size for all volume provided for URLs caching. |
| Percentage Full | Indicates the percentage of memory used out of allocated space for URL caching. |
| Last Flush request received time | Indicates the time of last flush request received for cache flushing. |
| Volume - <volume> | The volume. |
| Cached entries | For the volume, indicates the total number of cached entries in memory. |
| Hits | For the volume, indicates the total number of attempts failed to access URLs which are cached in memory with rating. |
| Misses | For the volume, indicates the total number of attempts failed to access URLs which are cached in memory with rating. |
| has-path hits | For the volume, indicates the total number of attempts to access URLs which are cached in memory with rating with specified path. |
| Flushes | For the volume, indicates the total number of times the URL cache has been flushed to clear memory with stale URL list and rating. |
| Percentage Full | For the volume, indicates the percentage of memory used out of allocated space for URL caching. |
| Last Access Time | For the volume, indicates the last access time. |
| Last Flush Time | For the volume, indicates the last flush time. |
| Data statistics | |
| Receive Pkts | Total number of packets received. |
| Transmit Pkts | Total number of packets transmitted. |

show tcp-acceleration statistics sessmgr all

Table 88: show tcp-acceleration statistics sessmgr all Command Output Descriptions

| Field | Description |
|---------------------------------|---|
| TCP acceleration Statistics | Specifies the TCP Acceleration Statistics |
| Total Accelerated Flows | Specifies the total number of accelerated flows. |
| Current Accelerated Flows | Specifies the current number of accelerated flows. |
| Released Accelerated Flows | Specifies the total number of released accelerated flows. |
| Rejected Accelerated Flows | Specifies the total number of accelerated flows rejected. |
| Feature Not Supported | Specifies the flow rejected with the "Feature Not Supported" reason |
| RAT Type Not Supported | Specifies the flow rejected with the "RAT Type Not Supported" reason |
| Bearer Not Supported | Specifies the flow rejected with the "Bearer Not Supported" reason |
| Resource Not Available (Memory) | Specifies the flow rejected with the "Resource Not Available (Memory)" reason |
| Resource Not Available (CPU) | Specifies the flow rejected with the "Resource Not Available (CPU)" reason |
| Others | Specifies the flow rejected for other reasons. |
| Data Statistics | |
| IPv4 (User-Side and Inet Side) | |
| Total Pkts Rx | Indicates the total number of IPv4 TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv4 TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv4 TCP accelerated packets sent towards the UE and internet. |
| Total Bytes Tx | Indicates the total number of IPv4 TCP accelerated bytes sent towards the UE and internet. |
| IPv4 (User-Side and Inet Side) | |

| Field | Description |
|--|--|
| Total Pkts Rx | Indicates the total number of IPv6 TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv6 TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv6 TCP accelerated packets sent towards the UE and internet. |
| Total Bytes Tx | Indicates the total number of IPv6 TCP accelerated bytes sent towards the UE and internet. |
| Data Statistics > IPv4 HTTP (User Side and Inet Side) | |
| Total Pkts Rx | Indicates the total number of IPv4 HTTP TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv4 HTTP TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv4 TCP accelerated HTTP packets sent towards the UE and internet. |
| Total Bytes Tx | Indicates the total number of IPv4 HTTP TCP accelerated bytes sent towards the UE and internet. |
| Retrans Pkts Rx | Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV4 HTTP flows. |
| Retrans Bytes Rx | Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV4 HTTP flows. |
| Retrans Pkts Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTP flows. |
| Retrans Bytes Tx | Indicates the total number of bytes retransmitted towards the UE and internet for TCP accelerated IPV4 HTTP flows. |
| Data Statistics > IPv4 HTTPS (User Side and Inet Side) | |
| Total Pkts Rx | Indicates the total number of IPv4 HTTPS TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv4 HTTPS TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv4 TCP accelerated HTTPS packets sent towards the UE and internet. |

| Field | Description |
|--|---|
| Total Bytes Tx | Indicates the total number of IPv4 HTTPS TCP accelerated bytes sent towards the UE and internet. |
| Retrans Pkts Rx | Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV4 HTTPS flows. |
| Retrans Bytes Rx | Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV4 HTTPS flows. |
| Retrans Pkts Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTPS flows. |
| Retrans Bytes Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTPS flows. |
| Data Statistics > IPv6 HTTP (User Side and Inet Side) | |
| Total Pkts Rx | Indicates the total number of IPv6 HTTP TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv6 HTTP TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv6 TCP accelerated HTTP packets sent towards the UE and internet. |
| Total Bytes Tx | Indicates the total number of IPv6 HTTP TCP accelerated bytes sent towards the UE and internet. |
| Retrans Pkts Rx | Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV6 HTTP flows. |
| Retrans Bytes Rx | Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV6 HTTP flows. |
| Retrans Pkts Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTP flows. |
| Retrans Bytes Tx | Indicates the total number of bytes retransmitted towards the UE and internet for TCP accelerated IPV6 HTTP flows. |
| Data Statistics > IPv6 HTTPS (User Side and Inet Side) | |

| Field | Description |
|------------------|---|
| Total Pkts Rx | Indicates the total number of IPv6 HTTPS TCP accelerated packets received from the UE and internet. |
| Total Bytes Rx | Indicates the total number of IPv6 HTTPS TCP accelerated bytes received from the UE and internet. |
| Total Pkts Tx | Indicates the total number of IPv6 TCP accelerated HTTPS packets sent towards the UE and internet. |
| Total Bytes Tx | Indicates the total number of IPv6 HTTPS TCP accelerated bytes sent towards the UE and internet. |
| Retrans Pkts Rx | Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV6 HTTPS flows. |
| Retrans Bytes Rx | Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV6 HTTPS flows. |
| Retrans Pkts Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTPS flows. |
| Retrans Bytes Tx | Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTPS flows. |

show active-charging tcp-proxy statistics all verbose

Table 89: show active-charging tcp-proxy statistics all verbose Command Output Descriptions

| Field | Description |
|-----------------------------------|--|
| TCP Proxy Stack Statistics | |
| Statistics | |
| Cumulative Statistics | |
| Total Pkts to Stack | Total number of packets received by stack. |
| Total Bytes to Stack | Total number of bytes received by stack. |
| Total Pkts from Stack | Total number of packets sent from stack. |
| Total Bytes from Stack | Total number of bytes sent from stack. |
| API Statistics | |
| Total Sockets Opened | Total number of sockets opened. |

| Field | Description |
|----------------------------|--|
| Socket Open Failed | Total number of sockets open failures. |
| Total Connect Attempts | Total number of connection attempts. |
| Total Listening Sockets | Total number of sockets listening. |
| Socket Listening Failed | Total number of sockets listening failures. |
| Socket Bind Success | Total number of socket binds successful. |
| Socket Accept Success | Total number of socket accepts successful. |
| Socket Accept Failed | Total number of socket accept failures. |
| Total Send Success | Total number of sends successful. |
| Total Send Failed | Total number of send failures. |
| Total Send Partial Succ | Total number of sends partially successful. |
| Total SendTo Success | Total number of send to successful. |
| Total SendTo Failed | Total number of send to failures. |
| Total SendTo Partil Succ | Total number of send to partially successful. |
| Total Recv Attempted | Total number of Recv attempted. |
| Total Recv Fail | Total number of Recv failures. |
| Total RecvFrom Attempted | Total number of RecvFrom attempted. |
| Total RecvFrom Fail | Total number of RecvFrom failures. |
| Current Open Sockets | Total number of sockets currently open. |
| IP Layer Statistics | |
| Total Pkts Recvd at IP | Total number of packets received at IP layer. |
| Header Errors | Total number of IP header errors. |
| Unknown Protocol | Total number of unknown IP protocol errors. |
| Incoming Discarded Pkts | Total number of incoming packets discarded. |
| Outgoing Requests | Total number of outgoing requests. |
| Outgoing Discarded Pkts | Total number of outgoing discarded packets. |
| Reassembly Timeouts | Total number of reassembly timeouts. |
| Reassembly Success | Total number of IP datagrams that were reassembled successfully. |
| Fragmentation Success | Total number of IP datagrams that were fragmented successfully. |

| Field | Description |
|--|---|
| Fragmentation Fails | Total number of IP datagrams that were discarded due to fragmentation failures. |
| Fragments Created | Total number of fragments created. |
| TCP Layer Statistics | |
| Incoming TCP Segments | Total number of incoming segments received at TCP layer. |
| Incoming TCP Bytes | Total number of incoming bytes received at TCP layer. |
| Incoming TCP Error Seg | Total number of incoming segments containing some error. |
| In TCP Retrans Seg | Total number of incoming TCP retransmitted segments. |
| In TCP Retrans Byte | Total number of incoming TCP retransmitted bytes. |
| Outgoing TCP Data Seg | Total number of outgoing TCP segments having some data. |
| Outgoing TCP Reset Seg | Total number of outgoing TCP resets. |
| Outgoing TCP Retrans Seg | Total number of packets retransmitted by the stack. |
| In TCP Partial Retr Seg | Total number of incoming TCP partial retransmitted segments. |
| In TCP Partial Retr Byte | Total number of incoming TCP partial retransmitted bytes. |
| In TCP OOO Segments | Total number of incoming TCP Out-of-Order segments. |
| In TCP OOO Bytes | Total number of incoming TCP Out-of-Order bytes. |
| In TCP OOO+Retrans Seg | Total number of incoming TCP Out-of-Order+retransmitted segments. |
| In TCP OOO+Retrans Bytes | Total number of incoming TCP Out-of-Order+retransmitted bytes. |
| In TCP OOO Succ Seg | Total number of incoming TCP Out-of-Order Succ segments. |
| In TCP OOO Succ Bytes | Total number of incoming TCP Out-of-Order Succ bytes. |
| In TCP Csum Err Seg | Total number of incoming TCP checksum error segments. |
| In TCP Csum Err Bytes | Total number of incoming TCP checksum error bytes. |
| Active Open | Total number of active connections initiated by the stack. |
| Passive Open | Total number of connections accepted by the stack. |
| Connection Failure | Total number failed connections. |
| Reset in Est State | Total number of resets received in Established state. |
| Current Est Connections | Total number of active established connections. |
| TCP Proxy Statistics for Rulebase | |

| Field | Description |
|--|---|
| Cumulative TCP proxy Statistics for Rulebase: | |
| Total Proxy Flows | Total number of TCP Proxy flows in this rulebase. |
| Current Proxy Flows | Total no of current TCP Proxy flows in this rulebase. |
| Uplink TCP Proxy: | |
| Pkts received from uplink | Total number of uplink packets on Gn interface. |
| Pkts forwarded to application | Total number uplink packets forwarded by stack to TCP Proxy application. |
| Pkts received from application | Total number uplink packets received from TCP Proxy application to stack. |
| Pkts for transmission to uplink | Total number uplink packets sent by stack on Gi interface. |
| Pkts received after connection with server | Total number uplink packets received after connection with server. |
| Pkts received before connection with server | Total number uplink packets received before connection with server. |
| Number of connect tried | Total number times the connect was called. |
| Downlink TCP Proxy: | |
| Pkts received from downlink | Total number of downlink packets on Gi interface. |
| Pkts forwarded to application | Total number downlink packets forwarded by stack to TCP Proxy application. |
| Pkts received from application | Total number downlink packets received from TCP Proxy application to stack. |
| Pkts for transmission to downlink | Total number downlink packets from application on Gn interface. |
| Pkts received after connection with client | Total number of downlink packets received after connection with client. |
| Pkts received before connection with client | Total number downlink packets received before connection with client. |
| Number of connect tried | Total number times the connect was called. |
| Downlink and uplink TCP proxy events: | |
| Total received failed | Total number of Recv calls failed. |
| Total error received | Total number of socket errors. |
| Total reset received | Total number of RESETs received (both from Gn and Gi side). |

| Field | Description |
|-------------------------------------|---|
| Total remote closed received | Total number of Remote Close events occurred (both from Gn and Gi side). |
| Total close complete received | Total number of Remote Close Complete events occurred (both from Gn and Gi side). |
| Total accept received | Total number of accept events received (both from Gn and Gi side). |
| Total accept failed | Total number of accept requests failed. |
| Total registerCB failed | Total number of calls to registerCB function failed. |
| Total recv occurred | Total number of Recv events occurred. |
| Total connect complete received | Total number of connect complete events occurred. |
| Total send failed | Total number of calls to send function failed. |
| Proxy Session counters: | |
| Current Connecting Conn (AO on GN) | Total number of current connecting connections active open on GN. |
| Current Connecting Conn (AO on GI) | Total number of current connecting connections active open on GI. |
| Current Connected Conn (AO on GN) | Total number of current connected connections active open on GN. |
| Current Connected Conn (AO on GI) | Total number of current connected connections active open on GI. |
| Current Un-Accepted Conn (PO on GN) | Total number of current unaccepted connections passive open on GN. |
| Current Un-Accepted Conn (PO on GI) | Total number of current unaccepted connections passive open on GI. |
| Current Accepted Conn (PO on GN) | Total number of current accepted connections passive open on GN. |
| Current Accepted Conn (PO on GI) | Total number of current accepted connections passive open on GI. |
| Current EST conn on both side | Total number of current EST connections on both side. |
| Total PO Succ on GN | Total number of passive open successful on GN. |
| Total AO Succ on GI | Total number of active open successful on GI. |
| Total PO Succ on GI | Total number of passive open successful on GI. |
| Total AO Succ on GN | Total number of active open successful on GN. |

| Field | Description |
|---|---|
| Flows not proxied - Proxy flow limit | Total number of flows not proxied due to proxy flow limit. |
| Flows not proxied - Backlog limit | Total number of flows not proxied due to backlog limit. |
| Flows not proxied - Gn sock limit | Total number of flows not proxied due to Gn sock limit. |
| Flows not proxied - Gi sock limit | Total number of flows not proxied due to Gi sock limit. |
| Flows cleared - incomplete active open | Total number of flows cleared due to incomplete active open. |
| Flows cleared - incomplete passive open | Total number of flows cleared due to incomplete passive open. |
| Proxy Error counters: | |
| Socket Open Failed | Socket open failed statistics on Gn and Gi. |
| Socket Error Events | Socket error event statistics on Gn and Gi. |

show active-charging tcp-proxy statistics socket-migration

Table 90: show active-charging tcp-proxy statistics socket-migration Command Output Descriptions

| Field | Description |
|------------------------------------|---|
| Socket Migration Statistics | |
| Cumulative Statistics | |
| Total Flows Initialized | Total number of flows for which Socket Migration was initialized. |
| Total Flows Migration Attempt | Total number of flows for which socket migration was started. |
| Total Flows Success | Total number of flows for which socket migration was successful. |
| Total Flows Failed | Total number of flows for which socket migration failed with reason. |
| Memory Alloc Failed | Total number of flows for which socket migration failed due to memory allocation failure. |
| Permission Denied | Total number of flows for which socket migration failed due to permission denials. |
| Possible TCP State Change | Total number of flows for which socket migration failed due to possible TCP state change. |
| Pkt Trimming Failed | Total number of flows for which socket migration failed due to packet trimming failures. |
| Others | Total number of flows for which socket migration failed due to other reasons. |

| Field | Description |
|-------------------------------|--|
| Total Pkts Trimmed | Total number of packets trimmed during stabilization phase. |
| Current Statistics | |
| Current Socket Migrated Flows | Number of current flows for which socket migration is activated. |
| Flows in Init State | Number of current flows that are in Init state. |
| Flows in Pre-mig State | Number of current flows that are in Pre-migration state. |
| Flows in Mig Started State | Number of current flows that are in Migration Started state. |
| Flows in Post-Mig State | Number of current flows that are in Post Migration state. |
| Flows in Mig-Done State | Number of current flows that are in Migration Completed state. |
| Flows in Cant-Do State | Number of current flows that are in Migration Can't be Done state. |

show active-charging tethering-detection database sessmgr all

Table 91: show active-charging tethering-detection database sessmgr all Command Output Descriptions

| Field | Description |
|----------------------------|--|
| SMgr Instance | Instance number of the session manager. |
| TAC Database | |
| Source File | Location of the TAC database file. |
| Database Status | Status of the database. |
| Version | Version of the database used. |
| Number of entries in DB | Total number of entries in the TAC database. |
| Last Upgrade Status | Last upgrade status of the TAC database. |
| OS Database | |
| Source File | Location of the IPv4 OS Signature database file. |
| Database Status | Status of the database. |
| Version | Version of the database used. |
| Number of signatures in DB | Total number of IPv4 OS signatures in the database. |
| Last Upgrade Status | Last upgrade status of the IPv4 OS signature database. |

| Field | Description |
|----------------------------|--|
| OS Database-IPv6 | |
| Source File | Location of the IPv6 OS Signature database file. |
| Database Status | Status of the database. |
| Version | Version of the database used. |
| Number of signatures in DB | Total number of IPv6 OS signatures in the database. |
| Last Upgrade Status | Last upgrade status of the IPv6 OS signature database. |
| UA Database | |
| Source File | Location of the UA signature database file. |
| Database Status | Status of the database. |
| Version | Version of the database used. |
| Number of signatures in DB | Total number of UA signatures in the database. |
| Last Upgrade Status | Last upgrade status of the UA signature database. |

show active-charging tethering-detection statistics

Table 92: show active-charging tethering-detection statistics Command Output Descriptions

| Field | Description |
|---|--|
| Current Tethered Subscribers | Total number of tethered subscribers at a particular time. |
| Total flows scanned | Total number of flows scanned. |
| Total Tethered flows detected | Total number of tethered flows detected. |
| Total Tethered flows recovered | Total number of tethered flows recovered. |
| Total flows bypassed for scanning | Total number of flows that were bypassed for tethering with the configured interface ID. |
| Tethering Detection Statistics (os-ua) | |
| TAC ID lookups | Total number of TAC ID lookups. |
| TAC ID matches | Total number of TAC ID matches. |
| OS signature lookups | Total number of OS signature lookups. |
| OS signature matches | Total number of OS signature matches. |
| IPv6 OS signatures lookups | Total number of IPv6 OS signature lookups. |

| Field | Description |
|--|---|
| IPv6 OS signatures matches | Total number of IPv6 OS signature matches. |
| UA signature lookups | Total number of UA signature lookups. |
| UA signature matches | Total number of UA signature matches. |
| Total flows scanned | Total number of flows scanned. |
| Tethered flows detected | Total number of tethered flows detected. |
| Non-tethered flows detected | Total number of non-tethered flows detected. |
| Tethered Uplink Packets | Total number of uplink packets for tethered flows. |
| Tethered Downlink Packets | Total number of downlink packets for tethered flows. |
| Current tethering-detected indications sent | Current number of tethering-detected indications sent. |
| Total tethering-detected indications sent | Total number of tethering-detected indications sent. |
| Tethering Detection Statistics (ip-ttl) | |
| Total flows scanned | Total number of flows scanned. |
| Tethered flows detected | Total number of tethered flows detected. |
| Tethered uplink packets | Total number of uplink packets for tethered flows. |
| Tethered downlink packets | Total number of downlink packets for tethered flows. |
| Change Statistics for Multiple SYN in Flow: | |
| Tethered to Non-Tethered | This counter is updated when previous SYN has tethered signature and new SYN has non-tethered signature. |
| Non-Tethered to Tethered | This counter is updated when previous SYN has non-tethered signature and new SYN has tethered signature. |
| Tethered to Tethered | This counter is updated when previous SYN has tethered signature and new SYN also has tethered signature. |
| Non-Tethered to Non-Tethered | This counter is updated when previous SYN has non-tethered signature and new SYN also has non-tethered signature. |

show active-charging timedef all

Table 93: show active-charging timedef all Command Output Descriptions

| Field | Description |
|--------------|--------------------------------------|
| Service Name | Name of the Active Charging Service. |

| Field | Description |
|------------------------|--|
| Timedef Name | Name of the time definition. |
| Start Day | Start day configured for each timeslot in the timedef. If the day is not configured, shows "Daily". |
| Start Time | Start time configured for each timeslot in the timedef. |
| End Day | End day configured for each timeslot in the timedef. If the day is not configured, shows "Daily". |
| End Time | End time configured for each timeslot in the timedef. |
| Total timedef(s) found | The total number of timedefs found. |

show active-charging tpo profile statistics name

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging traffic-optimization policy

Table 94:

| Field | Description |
|-----------------------|--|
| Policy Name | Identifies the configured policy name |
| Policy-Id | Identifies the policy ID value pertaining to a policy |
| Bandwidth-Mgmt | Displays the bandwidth management parameters. |
| Backoff-Profile | Displays the overall aggressiveness of the back off rates. |
| Min-Effective-Rate | Displays the effective shaping rate in Kbps. |
| Min-Flow-Control-Rate | Displays the minimum rate allowed in Kbps, to control the flow of heavy session flows during congestion. |
| Curbing-Control | Displays the curbing control related parameters. |
| Time | Displays the duration of the flow control phase. |
| Rate | Displays the curbing flow control at a fixed rate in Kbps. |

| Field | Description |
|-----------------------|--|
| Max-phases | Displays the maximum phases where the target shaping rate is below threshold-rate to trigger curbing flow control. |
| Threshold-Rate | Displays the minimum target shaping rate in Kbps |
| Heavy-Session | Displays heavy-session detection parameters. |
| Threshold | Displays heavy-session detection threshold in bytes. On reaching the threshold, flows will be monitored and potentially managed. |
| Standard-Flow-Timeout | Displays the idle-timeout in milliseconds. |
| Link-Profile | Displays the link profile parameters. |
| Initial-Rate | Displays the initial seed value of the acquired peak rate in Kbps for a traffic session. |
| Max-Rate | Displays the maximum peak rate in Kbps for a traffic session. |
| Peak-Lock | Displays the link peak rate. |
| Session-Params | Displays session parameters. |
| Tcp-Ramp-Up | Displays the ramp up phase duration for TCP traffic. |
| Udp-Ramp-Up | Displays the ramp up phase duration for UDP traffic. |

show active-charging trigger-action all

Table 95: show active-charging trigger-action all Command Output Descriptions

| Field | Description |
|------------------------------|--|
| Service Name | Name of the Active Charging Service. |
| Trigger-Action | Name of the configured trigger action. |
| HTTP Response Based TRM | Display the specified HTTP method(s) that has response-based TRM applied. Else displays "all" if all HTTP methods are configured and "none" if no HTTP method is configured. |
| HTTP Response Based Charging | Displays the specified HTTP method(s) that has response-based charging applied. Else displays "all" if all HTTP methods are configured and "none" if no HTTP method is configured. |
| Throttle Suppress | Indicates whether suppress throttling is enabled or disabled. |
| Flow recovery | Indicates whether flow recovery is enabled or disabled. |

| Field | Description |
|-------------------------------|---|
| Traffic Optimization | Indicates whether traffic optimization is enabled or disabled. |
| Step Up GBR | Indicates the step-up value of GBR. |
| Step Down GBR | Indicates the step-down value of GBR. |
| TCP Acceleration | Indicates whether the TCP acceleration is enabled or disabled. |
| TCP Acceleration Threshold | Indicates if the TCP acceleration threshold is enabled or disabled. |
| Service-Chain | Indicates the name of the assigned service chain. |
| Total trigger action(s) found | Total number of configured trigger actions. |

show active-charging trigger-condition all

Table 96: show active-charging trigger-condition all Command Output Descriptions

| Field | Description |
|----------------------------------|---|
| Service Name | Name of the Active Charging Service. |
| Trigger-Condition | Name of the configured trigger condition. |
| Trigger Action Delay | Displays the delay (in seconds)for application of action |
| Any-Match | Displays the condition specified for any-match. |
| Local-policy Rule Name | Displays the name of the configured local-policy (LP) rule. |
| Rule-name/GOR | Displays the condition specified for a particular rule/GoR for flow checkpoint. |
| Multi-line-OR All lines | Indicates whether the OR operator applied to all lines in a trigger-condition is enabled or disabled. |
| Total trigger condition(s) found | Total number of configured trigger conditions. |
| Post-Processing Rule-name/GOR | Specifies the post processing rule name. |
| Flow-Length Threshold exceed | Indicates when the flow-length of a TCP flow has exceeded the configured threshold value. |

show active-charging udr-format all

Table 97: show active-charging udr-format all Command Output Descriptions

| Field | Description |
|---------------------------|--|
| Service Name | Name of the Active Charging Service. |
| UDR Format Name | Name of the configured UDR format. |
| Attribute | Attribute information configured in specific UDR format. |
| Total udr-format(s) found | The total number of the configured UDR formats. |

show active-charging url-blacklisting statistics

Table 98: show active-charging url-blacklisting statistics Command Output Descriptions

| Field | Description |
|---|---|
| Service name | Name of the Active Charging Service. |
| Cumulative URL-Blacklisting Statistics | |
| Total Blacklisted URL hits | The total number of Blacklisted URL hits. |
| Total Blacklisted URL misses | The total number of Blacklisted URL misses. |

show active-charging url-blacklisting statistics rulebase name

Table 99: show active-charging url-blacklisting statistics rulebase name Command Output Descriptions

| Field | Description |
|-------------------------|--|
| Service name | Name of the Active Charging Service. |
| Rulebase name | Name of the rulebase. |
| Blacklisted URL hits | The total number of Blacklisted URL hits. |
| Blacklisted URL misses | The total number of Blacklisted URL misses. |
| Total rulebases matched | The total number of rulebases matching the specified criteria. |

show active-charging video detailed-statistics

Table 100: show active-charging video detailed-statistics Command Output Descriptions

| Field | Description |
|--------------------------------|--|
| RAT (Radio Access Type) | |
| GPRS Del. Rate | The average video delivery rate for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| GPRS Enc. Rate | The average video encoding rate for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| GPRS Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| GPRS %download | The average percentage (in terms of bytes) of video files downloaded for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| GPRS Tot. Video | The total number of video clips for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| UMTS Del. Rate | The average video delivery rate for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| UMTS Enc. Rate | The average video encoding rate for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| UMTS Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| UMTS %download | The average percentage (in terms of bytes) of video files downloaded for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| UMTS Tot. Video | The total number of video clips for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |

| Field | Description |
|-----------------|--|
| LTE Del. Rate | The average video delivery rate for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| LTE Enc. Rate | The average video encoding rate for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| LTE Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| LTE %download | The average percentage (in terms of bytes) of video files downloaded for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| LTE Tot. Video | The total number of video clips for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| HSPA Del. Rate | The average video delivery rate for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| HSPA Enc. Rate | The average video encoding rate for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| HSPA Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| HSPA %download | The average percentage (in terms of bytes) of video files downloaded for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| HSPA Tot. Video | The total number of video clips for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| CDMA Del. Rate | The average video delivery rate for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| CDMA Enc. Rate | The average video encoding rate for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |

| Field | Description |
|------------------|---|
| CDMA Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| CDMA %download | The average percentage (in terms of bytes) of video files downloaded for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| CDMA Tot. Video | The total number of video clips for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| WLAN Del. Rate | The average video delivery rate for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| WLAN Enc. Rate | The average video encoding rate for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| WLAN Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| WLAN %download | The average percentage (in terms of bytes) of video files downloaded for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| WLAN Tot. Video | The total number of video clips for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Del. Rate | The average video delivery rate for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Enc. Rate | The average video encoding rate for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Tot. Bytes | The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other %download | The average percentage (in terms of bytes) of video files downloaded for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |

| Field | Description |
|--------------------------------|--|
| Other Tot. Video | The total number of video clips for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Container (File Format) | |
| MP4 Enc. Rate | The average video encoding rate for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| MP4 Tot. Bytes | The total bytes transferred to RAN side for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| MP4 Tot. Video | The total number of video clips for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| FLV Enc. Rate | The average video encoding rate for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| FLV Tot. Bytes | The total bytes transferred to RAN side for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| FLV Tot. Video | The total number of video clips for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Enc. Rate | The average video encoding rate for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Tot. Bytes | The total bytes transferred to RAN side for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |
| Other Tot. Video | The total number of video clips for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices. |

show active-charging video detailed-statistics container mp4

Note that there are additional **container** options for this command, as follows: **container flv** and **container others**.

Table 101: show active-charging video detailed-statistics container mp4 Command Output Descriptions

| Field | Description |
|----------------------------------|--|
| Device Type iOS | |
| Total Content Size of the Videos | The total size of the video clips in bytes for iOS User Device Type for MP4 Container Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for iOS User Device Type for MP4 Container Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for iOS User Device Type for MP4 Container Type. |
| Total Video Object Count | The total number of video objects for iOS User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for iOS User Device Type for MP4 Container Type. |
| Device Type Android | |
| Total Content Size of the Videos | The total size of the video clips in bytes for Android User Device Type for MP4 Container Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for Android User Device Type for MP4 Container Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for Android User Device Type for MP4 Container Type. |
| Total Video Object Count | The total number of video objects for Android User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for Android User Device Type for MP4 Container Type. |
| Device Type Laptop | |
| Total Content Size of the Videos | The total size of the video clips in bytes for Laptop User Device Type for MP4 Container Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for Laptop User Device Type for MP4 Container Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for Laptop User Device Type for MP4 Container Type. |

| Field | Description |
|----------------------------------|---|
| Total Video Object Count | The total number of video objects for Laptop User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for Laptop User Device Type for MP4 Container Type. |
| Device Type Others | |
| Total Content Size of the Videos | The total size of the video clips in bytes for other User Device Type for MP4 Container Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for other User Device Type for MP4 Container Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for other User Device Type for MP4 Container Type. |
| Total Video Object Count | The total number of video objects for other User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for other User Device Type for MP4 Container Type. |

show active-charging video detailed-statistics rat cdma

Note that there are additional **rat** options for this command, as follows: **rat gprs**, **rat hspa**, **rat lte**, **rat others**, **rat umts**, and **rat wlan**.

Table 102: show active-charging video detailed-statistics rat cdma Command Output Descriptions

| Field | Description |
|----------------------------------|--|
| User Device Type iOS | |
| Total Content Size of the Videos | The total size of the video clips in bytes for iOS User Device Type for CDMA Radio Access Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for iOS User Device Type for CDMA Radio Access Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for iOS User Device Type for CDMA Radio Access Type. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for iOS User Device Type for CDMA Radio Access Type. |

| Field | Description |
|--|--|
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download a video for iOS User Device Type for CDMA Radio Access Type. |
| Total Video Object Count | The total number of video objects for iOS User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for iOS User Device Type for CDMA Radio Access Type. |
| Average Delivery Bit Rate | The average delivery bit rate for iOS User Device Type for CDMA Radio Access Type. |
| Percentage of Video Downloaded | The percentage of bytes downloaded for video for iOS User Device Type for CDMA Radio Access Type. |
| User Device Type Android | |
| Total Content Size of the Videos | The total size of the video clips in bytes for Android User Device Type for CDMA Radio Access Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for Android User Device Type for CDMA Radio Access Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for Android User Device Type for CDMA Radio Access Type. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for Android User Device Type for CDMA Radio Access Type. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download a video for Android User Device Type for CDMA Radio Access Type. |
| Total Video Object Count | The total number of video objects for Android User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for Android User Device Type for CDMA Radio Access Type. |
| Average Delivery Bit Rate | The average delivery bit rate for Android User Device Type for CDMA Radio Access Type. |
| Percentage of Video Downloaded | The percentage of bytes downloaded for video for Android User Device Type for CDMA Radio Access Type. |
| User Device Type Laptop | |
| Total Content Size of the Videos | The total size of the video clips in bytes for Laptop User Device Type for CDMA Radio Access Type. |

| Field | Description |
|--|---|
| Total Duration of the Videos | The total duration of the video clips, in seconds, for Laptop User Device Type for CDMA Radio Access Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for Laptop User Device Type for CDMA Radio Access Type. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for Laptop User Device Type for CDMA Radio Access Type. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download a video for Laptop User Device Type for CDMA Radio Access Type. |
| Total Video Object Count | The total number of video objects for Laptop User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for Laptop User Device Type for CDMA Radio Access Type. |
| Average Delivery Bit Rate | The average delivery bit rate for Laptop User Device Type for CDMA Radio Access Type. |
| Percentage of Video Downloaded | The percentage of bytes downloaded for video for Laptop User Device Type for CDMA Radio Access Type. |
| User Device Type Others | |
| Total Content Size of the Videos | The total size of the video clips in bytes for other User Device Type for CDMA Radio Access Type. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for other User Device Type for CDMA Radio Access Type. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for other User Device Type for CDMA Radio Access Type. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for other User Device Type for CDMA Radio Access Type. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download a video for other User Device Type for CDMA Radio Access Type. |
| Total Video Object Count | The total number of video objects for other User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for other User Device Type for CDMA Radio Access Type. |
| Average Delivery Bit Rate | The average delivery bit rate for other User Device Type for CDMA Radio Access Type. |

| Field | Description |
|--------------------------------|---|
| Percentage of Video Downloaded | The percentage of bytes downloaded for video for other User Device Type for CDMA Radio Access Type. |

show active-charging video detailed-statistics ue laptop

Note that there are additional **ue** options for this command, as follows: **ue android**, **ue ios**, and **ue others**.

Table 103: show active-charging video detailed-statistics ue laptop Command Output Descriptions

| Field | Description |
|--|---|
| Radio Type GPRS | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for GPRS Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for GPRS Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for GPRS Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for GPRS Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for GPRS Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for GPRS Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for GPRS Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for GPRS Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for GPRS Radio Access Type for laptops. |
| Radio Type UMTS | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for UMTS Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for UMTS Radio Access Type for laptops. |

| Field | Description |
|--|---|
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for UMTS Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for UMTS Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for UMTS Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for UMTS Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for UMTS Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for UMTS Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for UMTS Radio Access Type for laptops. |
| Radio Type LTE | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for LTE Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for LTE Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for LTE Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for LTE Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for LTE Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for LTE Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for LTE Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for LTE Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for LTE Radio Access Type for laptops. |

| Field | Description |
|--|---|
| Radio Type HSPA | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for HSPA Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for HSPA Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for HSPA Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for HSPA Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for HSPA Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for HSPA Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for HSPA Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for HSPA Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for HSPA Radio Access Type for laptops. |
| Radio Type CDMA | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for CDMA Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for CDMA Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for CDMA Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for CDMA Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for CDMA Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for CDMA Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |

| Field | Description |
|--|---|
| Average Video Encoding Bit Rate | The average video encoding bit rate for CDMA Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for CDMA Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for video for CDMA Radio Access Type for laptops. |
| Radio Type WLAN | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for WLAN Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for WLAN Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for WLAN Radio Access Type for laptops. |
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for WLAN Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for WLAN Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for WLAN Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for WLAN Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for WLAN Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for video for WLAN Radio Access Type for laptops. |
| Radio Type Others | |
| Total Content Size of the Videos | The total size in payload bytes (HTTP content length) of the video clips for other Radio Access Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for other Radio Access Type for laptops. |
| Total Bytes Sent to the User | The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for other Radio Access Type for laptops. |

| Field | Description |
|--|--|
| Total Duration of Video Sessions | The total duration, in seconds, of the video sessions for other Radio Access Type for laptops. |
| Total Number of TCP Flows for Video Sessions | The total number of TCP flows used to download all videos for other Radio Access Type for laptops. |
| Total Video Object Count | The total number of video objects for other Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for other Radio Access Type for laptops. |
| Average Delivery Bit Rate | The average delivery bit rate for other Radio Access Type for laptops. |
| Percentage of Video Downloaded | The average percentage (in terms of bytes) of video files downloaded for other Radio Access Type for laptops. |
| Container Type MP4 | |
| Total Content Size of the Videos | The total size of the video clips in bytes for MP4 Container Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for MP4 Container Type for laptops. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for MP4 Container Type for laptops. |
| Total Video Object Count | The total number of video objects for MP4 Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for MP4 Container Type for laptops. |
| Container Type FLV | |
| Total Content Size of the Videos | The total size of the video clips in bytes for FLV Container Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for FLV Container Type for laptops. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for FLV Container Type for laptops. |
| Total Video Object Count | The total number of video objects for FLV Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for FLV Container Type for laptops. |
| Container Type Others | |

| Field | Description |
|----------------------------------|---|
| Total Content Size of the Videos | The total size of the video clips in bytes for other Container Type for laptops. |
| Total Duration of the Videos | The total duration of the video clips, in seconds, for other Container Type for laptops. |
| Total Bytes Sent to the User | The total bytes of video data sent to the subscriber UE for other Container Type for laptops. |
| Total Video Object Count | The total number of video objects for other Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video. |
| Average Video Encoding Bit Rate | The average video encoding bit rate for other Container Type for laptops. |

show active-charging xheader-format name

Table 104: show active-charging xheader-format name Command Output Descriptions

| Field | Description |
|-------------------------------|--|
| Xheader Format Name | Specifies the Xheader Format Name |
| Total xheader-format(s) found | Specifies the total number of xheader formats found. |